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16 July, 1890.

A SYNONYMIC CATALOGUE

OF THE

RECENT MARINE BRYOZOA.

A

SYNONYMIC CATALOGUE

OF THE

RECENT MARINE BRYOZOA.

INCLUDING

FOSSIL SYNONYMS.

BY

E. C. JELLY, F.R.M.S.

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PREFACE.

THE study of the Bryozoa having been carried on by many naturalists in various parts of the world, it has followed as a natural result that more than one name has been given to a single species, as a reference to the cosmopolitan forms of '*Microporella Malusii*' and '*Microporella ciliata*' will abundantly testify; as also, that one name has fallen to the lot of two or three different species, *e.g.*, '*Stomatopora expansa*' of Hincks, and '*Stomatopora expansa*' of Packard; the '*Salicornaria gracilis*' of Busk, and the '*Salicornaria gracilis*' of Costa, and others. Such a result becomes an endless source of trouble, and this Catalogue is the outcome of this trouble, and aims at bringing into view all the names of *published* recent Bryozoa, with as full a synonymy as may be possible. Originally begun for my own private use, it has grown to its present proportions as the material for a synonymic catalogue constantly increased.

Two chief ideas have been kept in view. The first was to collect in a workable form all the names of recent Bryozoa that have been published, so far as books and scattered papers could be obtained. Hupé, Quoy and Gaimard, Audouin's *Explication*, and Michelin's *Mauritius*, are among the works I have failed in procuring. The second idea was to reduce the synonymy to something like 'fact,' including in such synonymy only the fossil forms belonging to recent species. To have dealt with the *purely* fossil forms would have involved another ten years of life

and study, an increased library, an extended knowledge of the papers on fossil Bryozoa, and a great addition of fossil material, besides the settlement of the question as to what the true Bryozoa include.

With the great variety of opinions on much connected with this subject of synonymy, it would be impossible to adopt that of all writers, but the lines I have worked upon are those of Mr. Hincks and Mr. Waters, for recent and fossil respectively, venturing to differ from these known authorities only on rare occasions.

There will be found in this Catalogue a few species of which I could not trace the references, not even with the help most kindly and unstintingly given me by Mr. Kirkpatrick, of the British Museum, to whom I would here offer my thanks for all his assistance. Such are the '*Bugula Smittii*' of Sars, the '*Salicornaria gracilis*' of Costa, and two or three more.

I am painfully conscious of the faults that accompany this Catalogue, and it is with the utmost diffidence that I offer it for the use of students. It has been the occupation of several years of ill-health, and to delay publication for the advantage of further revision would probably result in no publication at all. During this year alone it has been entirely laid aside for four months in consequence of ill-health. All that I can urge is, that it is an *attempt* which, thus far, has never been made, and I offer it as a *stepping-stone* to the next student who will undertake a similar work. To render a Catalogue of this description perfect would require an examination of all the type specimens in museums and private collections everywhere, a thing which is all very well in theory but impossible in practice.

To Mr. Hincks for help in references, and to Mr. Deby, of London, for the loan of some rarer books and papers, my thanks are here tendered.

To Professor Hutton of Canterbury College, New Zealand University, I am indebted for the generous loan of his collection of New Zealand Bryozoa, belonging to the Christchurch Philosophical Society. From an examination of them, I should gather that some one, not a student, had the manual work of affixing the labels, because, in some instances, mistakes have arisen which must not be credited to Professor Hutton. I mention this because the synonyms could not be overlooked, and must occasion some surprise.

To Dr. Edward Pergens of Belgium I owe all the valuable information concerning the species of Lamarck, the whole of whose collection has been examined by Dr. Pergens, who generously sent me many valuable notes upon it.

Of whatever use this Catalogue, with all its faults, may prove to the student in the future, it is to Mr. Waters that the debt of gratitude is due, and I desire to record my own deep indebtedness to him from the commencement. He it was who first suggested my printing it, and who encouraged me in the prosecution of the work through all its manifold difficulties, lending me books, giving me advice, and yet leaving me free to adopt my own opinion. Had it not been for the kindly encouragement of Mr. Waters, my spirit would have failed me many times.

One more friend yet remains to receive my sincere thanks, and as Mr. Waters may be called the Alpha, so Mr. Peal of Ealing may be called the Omega, of my work. Without the former it would never have been attempted, without the latter it would never have been completed. To Mr. Peal I owe everything connected with the publication; he undertook the seeing it through all its financial difficulties, and has proved himself a very real friend in bringing my work to a practical result.

I must not close without offering my thanks to Mr. Justen (Dulau & Co.) for his cordial co-operation and valued assistance in advice, &c., during the passing of the work through the press.

In the words of Dr. Jonathan Couch, 'the father of Cornish Zoology,' I will conclude. 'The study of synonyms is at all times a far more difficult and tedious task than the study of the things themselves; but, tedious as it is, it is necessary to be undergone by all who desire to know what has already been said on the subject.'

E. C. Jelly.

Red Hill,
December 1889.

Abbreviations used for the Names of Works.

C. V. = Catalogue of Victorian Polyzoa.
N. Z. Cat. = New Zealand Catalogue.
B. M. C. = British Museum Catalogue.
B. M. P. = British Marine Polyzoa.
B. A. = British Animals.
B. Z. = British Zoophytes.
B. A. Rep. = British Association Report.
D. S. N. = Dic. Sci. Nat.
N. H. C. = Nat. Hist. of Corallines.
P. C. F. = Polypiers Corall. flexibles.
P. Z. V. = Prodromus of the Zoology of Victoria.
M. d'A. = Manuel d'Actinologie.
K. S. B. = Kritisk Fört. Öfv. Skandin. Hafs-Bryozoer.
F. B. = Floridan Bryozoa.
J. M. S. = Jour. Microscopical Society.
Q. J. M. S. = Quart. Journ. Microscopical Society.
A. M. N. H. = Annals and Mag. Nat. Hist.
P. F. T. C. = Paléontologie Française, Terrain Crétacé.
R. I. V. S. = Report of the Invertebrata of Virginia Sound.
R. R. A. S. = Rare and Remarkable Animals of Scotland.
T. T. F. C. = Trans. Tyneside Field Club.
C. M. M. = Catalogue of Marine Mollusca of New Zealand. This work of Captain Hutton's is out of print.
P. Q. C. I. = Polyzoa Queen Charlotte's Islands.

Abbreviations of Authors' Names in brackets at end of line, as the authority for the synonym.

Bl. = Blainville.
B. = Busk.
C. = Couch.
Eth. = Etheridge.
F. = Fischer.
H. = Hincks.
Hl. = Heller.
J. = Johnston.
Jn. and Jln. = Jullien.
K. = Kirchenpauer
Kp. = Kirkpatrick.
Kos. = Koschinsky.
Lx. = Lamouroux.
Lev. = Levinsen.
Lor. = Lorenz.
McG. = MacGillivray.
M. and P. = Meunier and Pergens.
M. Ed. = Milne Edwards.
Mo. = Moll.
Nor. = Norman.
d'O. = d'Orbigny.
Pal. = Pallas.
P. = Pergens.
R. = Reuss.
S. = Smitt.
V. = Verrill.
W. = Waters.

LIST OF SPECIES

Given in McCoy's 'Prodromus,' decades xviii. and xix., which reached England too late for insertion in the work. There will be no difficulty in recognising their respective places in the Catalogue, as, with the one exception of Microporella ciliata, *variety* spicata, *all are mentioned.*

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Page 46. Remove No. 309 to No. 1189.

„ 53. Remove No. 368 to No. 1203.

„ 107. Remove No. 700 from the Catalogue. It is placed at No. 95.

„ 131. To No. 845 add 845*c*. L. PALLASIANA, var. BIFOLIATA, OSTROUMOFF, Trud. obsch. est. xvi. 27.

„ 180. Add *Berenicea* to Index.

„ 189. Add 'gracilis' to Index.

„ 196. Remove No. 1228 from the Catalogue. It is at No. 1484.

„ 249. Remove No. 1554 from the Catalogue. It is entered under No. 1558.

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„ LEPRALIA DOHRNI, KIRCHENPAUER.

„ LEPRALIA FLEXUOSA, HUTTON.

Eschara flexuosa, Hutton, N. Z. Cat. 194 and C.M.M. 99.

„ LEPRALIA MARTYI, JOLIET, Bry. côtes France, 99.

Note to page 161.—In the Author's copy of d'Orbigny's Pal. Franc. Terr. Crét. there is an error in the paging. The numbers 185, 186, 187, 188, are repeated. The figure (1.) on page 161 of Catalogue refers to the *first* 188.

A Synonymic Catalogue

OF

MARINE BRYOZOA.

1. ADEONA ALBIDA, KIRCHENPAUER, 'Adeona,' 11.

1*a*. A. ALBIDA, var. AVICULARIS, P. MACGILLIVRAY, C. V. 24.
Dictyopora albida, var. avicularis, MacG. Tr. Roy. Soc. Vic. 1881. sep. 3.
——— McCoy, P. Z. V. decade vii. 24.

2. ADEONA APPENDICULATA, BUSK, 'Challenger,' xxx. 181.

3. ADEONA ARBORESCENS, KIRCHENPAUER, 'Adeona,' 8.

4. ADEONA ELONGATA, LAMOUROUX, P. C. F. 481.
——— Lamx. Ency. méth. xiv. 11.
——— Blainv. M. d'A. 431.
——— Kirch. 'Adeona,' 8.

5. ADEONA FOLIACEA, LAMOUROUX, P. C. F. 482.
——— Lamx. Expos. méth. 40.
——— Lamx. Ency. méth. xiv. 11.
——— Blainv. M. d'A. 431.
Adeona foliifera, Lamk. An. s. V. ed. i. ii. 179.
——— Blainv. M. d'A. 431.
Adeona folliculina, Cuvier.
Adeona foliacea, Kirch. 'Adeona,' 5.

5*a*. A. FOLIACEA, var. FASCIALIS, KIRCHENPAUER, 'Adeona,' 6.

6. ADEONA GATTYÆ, BUSK, m.s. 'Challenger,' xxx. 179.

7. ADEONA INTERMEDIA, KIRCHENPAUER, 'Adeona,' 6.

8. ADEONA LANCIFERA, BUSK, m.s. 'Challenger,' xxx. 179.

9. ADEONA LYCOPODIOIDES, BUSK, 'Challenger,' xxx. 179.

10. ADEONA MACROTHYRIS, KIRCHENPAUER, 'Adeona,' 7.

11. ADEONA MICROTHYRIS, BUSK, m.s. 'Challenger,' xxx. 179.

12. ADEONA VALGA, BUSK, m.s. 'Challenger,' xxx. 179.

13. ADEONA WILSONI, P. MacGillivray, C. V. 24.
Dictyopora Wilsoni, MacG. Tr. Roy. Soc. Vic. 1881. sep. 2.
——— McCoy, P. Z. V. decade vii. 27.

14. ADEONELLA ARCUATA, Busk, m.s. 'Challenger,' xxx. 180.

15. ADEONELLA ATLANTICA, Busk, 'Challenger,' xxx. 186.
——— Waters, 'Challenger,' lxxix. 33.
Eschara subsulcata, Busk, 'Challenger,' Plate xx. fig. 7.

16. ADEONELLA CRASSA, Busk, m.s. 'Challenger,' xxx. 180.

17. ADEONELLA FALCIFORMIS, Busk, m.s. 'Challenger,' xxx. 180.

18. ADEONELLA HELLERI, Busk, m.s. 'Challenger,' xxx. 180.

19. ADEONELLA INTRICARIA, Busk, m.s. 'Challenger,' xxx. 185.
——— Waters, 'Challenger,' lxxix. 33.

20. ADEONELLA MEGAPORA, Busk, m.s. 'Challenger,' xxx. 180.

21. ADEONELLA NATALENSIS, Busk, m.s. 'Challenger,' xxx. 180.

22. ADEONELLA PECTINATA, Busk, 'Challenger,' xxx. 189.
——— Waters, 'Challenger,' lxxix. 33.

23. ADEONELLA PLATALEA, Busk, 'Challenger,' xxx. 184.
——— Waters, 'Challenger,' lxxix. 33.
——— MacG. C. V. 27.
Eschara platalea, Busk, B. M. C. ii. 90.
——— MacG. Notes on Pol. Vic. 1859. 167.
——— McCoy, P. Z. V. decade v. 41.
Non *Eschara platalea*, Hutton, N. Z. Cat. 194.
Eschara tumidula, Busk, 'Challenger,' Plate xxi. fig. 4.
Eschara hexagonalis, Hasw. Proc. Linn. Soc. N.S.W. v. part 1. [W.]

24. ADEONELLA POLYMORPHA, Busk, 'Challenger,' xxx. 183.
——— Waters, 'Challenger,' lxxix. 32.
Eschara polymorpha, Busk, 'Challenger,' Plate xxi. fig. 1*a*, 2*a*, 3, 3*a*.

25. ADEONELLA POLYSTOMELLA, Reuss; Waters, 'Challenger,' lxxix. 33.
Eschara polystomella, Reuss, Wien. tert. 70.
——— Manzoni, 'Rhodes,' 66.
——— Manzoni, Bry. mioc. d'Aust. ii. 15.
——— Pergens, 'Rhodes,' 26.
——— Pergens, 'Tasmajdan,' 9.
——— Seguenza, Form. terz. Reggio, 84.
——— Gottardi, Bry. foss. Mont. Magg. 304.
Microporella polystomella, Pergens, Bry. Nord-ouest Méd. 8.
Schizoporella polystomella, Hincks, A. M. N. H. Feb. 1887.
Escharellina polystomella, d'Orbigny, P. F. T. C. 207.

ADEONELLA POLYSTOMELLA, Reuss (*continued*)—
Eschara lichenoides, Manzoni, 'Castrocaro,' 37.
This is not the '*lichenoides*' of Lamk. M. Edw. Lamx. Blainv. and Busk (Pergens).
Adeonella Pallasii, Heller; Bk. 'Challenger,' xxx. 180.
Eschara Pallasii, Heller, Bry. Adr. 1867. 115.

26. ADEONELLA REGULARIS, Busk, 'Challenger,' xxx. 186.
——— Waters, 'Challenger,' lxxix. 34.
Eschara regularis, Busk, 'Challenger,' Plate xx. fig. 2.
For critical notes and differing opinions on this unsettled genus see Hincks in the 'Annals and Magazine of Natural History' for Feb. 1887, and Waters in the Quart. Jour. Geol. Soc. vol. xli.

27. ADEONELLOPSIS ZIETZII, MacGillivray, Tr. Roy. Soc. of S.Aus. June 1889. 27.

28. ÆTEA AMERICANA, d'Orbigny, P. F. T. C. 41.

29. ÆTEA ANGUINA, Linn.; Hincks, B. M. P. 4.
——— Hincks, A. M. N. H. 3. ix. 24.
——— Lamx. Bull. Soc. Phil. 1812. 184.
——— Lamx. Pol. Coral. 65.
——— Lamx. P. C. F. 153.
——— Lamx. Expos. méth. 9.
——— Lamx. Ency. méth. xiv. 12.
——— Gray, B. M. C. i. 133.
——— Busk, B. M. C. i. 31.
——— Busk, 'Challenger,' xxx. 2.
——— Wyv. Th. Nat. Hist. Rev. v. 145.
——— Gosse, Mar. Zool. ii. 13.
——— Heller, Bry. Adr. 1867. 88.
——— Fischer, Bry. Sud-ouest France, sep. 12.
——— d'Orbigny, P. F. T. C. 41.
——— Pergens, Bry. Nord-ouest Méd. 7.
——— Westendorp, Pol. flex. Belg. Ext. 21.
——— Verrill, R. I. V. S. Ext. 416.
——— MacGillivray, C. V. 9.
——— McCoy, P. Z. V. decade xiv. 143.
——— Manzoni, 'Castrocaro,' 6.
——— Seguenza, Form. terz. Reggio, 197, 327.
——— Smitt, Bidr. Hafs. Bry. Utv. 1863. 22.
Anguinaria anguina, Fleming, B. A. 542.
——— Lister, Phil. Trans. 1834. 384.
——— Blainv. M. d'A. 467.
——— Blainv. D. S. N. lx. 431.
Cellaria anguina, Brug. Ency. méth. 442 et 454.
——— Solander, Zooph. 26.
——— Bosc, Vers, iii. 135.

ÆTEA ANGUINA, Linn. (*continued*)—
Cellularia anguina, Ellis, Phil. Trans. lvii. 434.
——— Pallas, Elenchus, 78.
——— Hogg's Nat. Hist. Stockton, 35.
Falcaria anguina, Oken, Lehr. Nat. Zool. Ab. ii. 91.
Sertularia anguina, Linn. Syst. Nat. ed. 10. 816.
——— Linn. Syst. Nat. ed. 12. 1317.
——— Linn. Syst. Nat. ed. Gmel. 3861.
——— Linn. Turton, iv. 686.
——— Turton, Brit. Faun. 217.
——— Berk. Syn. i. 220.
——— Stewart, Elem. ii. 449.
——— Esper, Pflanz. Sert. t. xvi. f. 1, 2.
Anguinaria spatulata, Lamk. An. s. V. ed. 1. ii. 143.
——— Lamk. An. s. V. ed. 2. ii. 196.
——— Lamk. Ency. méth. pt. xxiii. 477.
——— Johnston, B. Z. ed. 1. 266.
——— Johnston, B. Z. ed. 2. 290.
——— Thomp. A. M. N. H. v. 252.
——— Couch, Zooph. Cornw. 44.
——— Couch, Corn. Faun. iii. 103.
——— Gosse, Devon Coast, 141.
——— Busk, Tr. Mic. Soc. 1848. 15.
——— Busk, Tr. Mic. Soc. 1849. ii. 123.
——— Stark, Elem. ii. 439.
——— Esper, Pflanz. iii. 247.
——— Schweiger, Beob. Nat. Reise, tab. syst. viii.
——— Schweiger, Nat. Skel. ungegl. Th. 425.
——— Temp. Lon. Mag. Nat. Hist. ix. 446.
——— Landsborough, B. Z. 287.
——— Alder, T. T. F. C. iii. 137. sep. 47.
Ætea anguina, form *spathulata*, Smitt, K. S. B. 1867. 280.
Sertularia mollis, Chiaji, An. vert. Nap. iv. 147.
Corallina anguiformis, Ellis, N. H. C. Eng. ed. 43.
——— Ellis, N. H. C. Fr. ed. 58.
Snake Coralline, Ellis, N. H. C. 43.
——— Couch, Zooph. Cornw. 44.
——— Couch, Corn. Faun. iii. 103.

30. ÆTEA AUSTRALIS, Jullien, 'Cap Horn,' 26.
? *Ætea anguina* of Auct.; Jullien, 'Cap Horn,' 26.

31. ÆTEA CURTA, Jullien, 'Cap Horn,' 26.
? *Ætea americana*, d'Orb.; Jullien, 'Cap Horn,' 26.

32. ÆTEA DILATATA, Busk, A. M. N. H. 1851. 85.
——— Busk, B. M. C. i. 31.
——— MacGill. C. V. 9.

ÆTEA DILATATA, Busk (*continued*)—
——— McCoy, P. Z. V. decade xiv. 143.
——— Hutton, N. Z. Cat. 184.
Anguinaria dilatata, Busk, A. M. N. H. 2. vii. 85.
Anguinaria cochlearis, Landsborough, m.s. B. Z. 291.

33. ÆTEA FUEGENSIS, Jullien, 'Cap Horn,' 25.

34. ÆTEA LIGULATA, Busk, B. M. C. i. 31.

35. ÆTEA LINEATA, Jullien, 'Travailleur,' 1881. 8.

36. ÆTEA RECTA, Hincks, B. M. P. 6.
——— Hincks, A. M. N. H. 3. ix. 25.
——— MacGill. C. V. 9.
Ætea sica, Norman, Q. J. M. S. n.s. viii. 216.
——— Manzoni, 'Castrocaro,' 6.
——— Seguenza, Form. terz. Reggio, 127, 197, 294, 327, 368.
Hippothoa sica, Couch, Corn. Faun. iii. 102.
——— Johnston, B. Z. ed. 2. 292.
——— Landsb. B. Z. 294.
Stomatopora gallica, d'Orb. P. F. T. C. 836. [H.]
Ætea anguina, form *recta*, Smitt, K. S. B. 1867. 281.
——— Waters, A. M. N. H. 5. iii. 114.

37. ÆTEA TRUNCATA, Landsborough; Busk, B. M. C. i. 31.
——— Busk, Jour. Roy. Mic. Soc. viii. 282.
——— Hincks, A. M. N. H. 3. ix. 24.
——— Hincks, B. M. P. 8.
——— Smitt, Bid. Hfs. Bry. Utv. 1863. 19.
——— Smitt, Ofv. Vet. Ak. Förh. 1865. 11.
Anguinaria truncata, Landsb. B. Z. 288.
Cercaripora truncata, Fischer, Nouv. Arch. Mus. Hist. Nat. Paris. ii.
Æteopsis elongata, Boeck, Förh. Vid. Christ. 1861. 49. [312.
Anguinaria grallatoria, Lóven, m.s.
Fistularia multicornis, Fabr. Ab. Müll. Zool. D. P. iii. 15.
——— Müll. (?) Zool. Dan. Prod. 254.
Salpingia Hassallii, Coppin, A. M. N. H. 2. ii. 273.
Ætea truncata, form *typica*, Smitt, K. S. B. 1867. 279.

37*a*. Æ. TRUNCATA, form ABYSSICOLA, Smitt, K.S.B. 1867. 280.
Ætea argillacea, Smitt, Ofv. Vet. Ak. Förh. 1865. 29.

38. AIMULOSIA AUSTRALIS, Jullien, 'Cap Horn,' 59.

39. ALCYONIDIUM ALBIDUM, Alder, T. T. F. C. sep. 64.
——— Busk, Q. J. M. S. v. 25.
——— Hincks, B. M. P. 500.
——— Levinsen, 'Kara-Havet,' 21.
Alcyonidium hirsutum, form *incrustans*, Smitt, K. S. B. 1865. 497.

40. ALCYONIDIUM CORNICULATUM, Smitt, K.S.B. 1871. 1123.
Flustrella corniculata, Lorenz, 'Jan Mayen,' sep. 17.

41. ALCYONIDIUM DISJUNCTUM, Hincks, A. M. N. H. 4. xx. 217.
——— Hincks, B. M. P. 497.

42. ALCYONIDIUM EXCAVATUM, Hincks, A. M. N. H. 5. vi. 284.

43. ALCYONIDIUM FLUSTROIDES, Busk, 'Challenger,' l. 31.

44. ALCYONIDIUM GELATINOSUM, Linn.; Hks. B. M. P. 491.
——— Hincks, A. M. N. H. ix. 470.
——— Hincks, A. M. N. H. 5. xix. 308.
——— Thompson, A. M. N. H. v. 253.
——— Hassall, A. M. N. H. vii. 370.
——— MacGill. A. M. N. H. ix. 468.
——— Ridley, A. M. N. H. June 1881. 454.
——— Johnston, B. Z. ed. 1. 300.
——— Johnston, B. Z. ed. 2. 358.
——— Landsb. B. Z. 364.
——— Gray, B. M. C. i. 91.
——— Gosse, Mar. Zool. ii. 19.
——— Alder, T. T. F. C. 63.
——— Smitt, K. S. B. 1865. 497.
——— Couch, Zooph. Cornw. 42.
——— Couch, Corn. Faun. iii. 132.
——— Whiteaves, 'St. Lawrence,' 12.
——— Vigelius, Bry. Oostsch. Supp. i. 549.
——— Levinsen, 'Kara-Havet,' 22.
——— Winther, Bry. Dan. sep. 13.
——— Smitt (?); Kirch. East. Grönl. 428.
——— Lorenz, 'Jan Mayen,' sep. 17.
——— Freese, Bry. Ostsee, 33.
——— Vigelius, 'Wm. Barents,' 16.
Alcyonium gelatinosum, Olivi, Hist. Adr. 240.
——— Bruguière, Ency. 22.
——— Solander, Zooph. 176.
——— Linn. Faun. Suec. ed. 2. 538.
——— Linn. Syst. Nat. ed. 12. 1295.
——— Linn. Syst. Nat. ed. Gmel. 3814.
——— Pallas, Elenchus, 353.
——— Pallas, ed. Wilckensii, part ii. 186.
——— Esper, Pflanzen. iii. 52.
——— Müll. Zool. Dan. Prod. 255.
——— Müll. Zool. Dan. Prod. (Abil.) iv. 30.
——— Lamx. P. C. F. 350.
——— Fleming, B. A. 517.
——— Blainv. D. S. N. lx. 488.

ALCYONIDIUM GELATINOSUM, Linn. (*continued*)—
Alcyonium gelatinosum, Blainv. M. d'A. 525.
——— Jameson, Wern. Mem. i. 563.
——— Dalyell, R. R. A. S. ii. 41.
——— Linn. Turton, iv. 653.
——— Stewart, Elem. ii. 432.
? *Alcyonidium gelatinosum*, Johnst. ; Verrill, R. I. V. S. Extr. 415.
Epipetrum gelatinosum, Oken, Lehr. Nat. Zool. Ab. ii. 80.
Fucus gelatinosus, Hudson, Flora Angl. 471.
——— Desmaz. Cryptog. France, Fasc. xviii. No. 851.
Alcyonidium diaphanum, Lamx. Ann. Museum, xx. 284.
——— Hooker, Flora Scotica, ii. 75.
——— London Ency. Plants, 1829. 928.
——— Lamx. Gen. Thalass. 71. Plate vii. fig. 4.
——— Westendorp, Pol. Flex. Belg. Extr. 45.
Halodactylus diaphanus, Farre, Phil. Trans. 1837. 405.
——— V. Ben. Recherches, 60.
——— Lansweert, Zooph. litt. Belge, iii. 115.
Halodactyle diaphane, V. Ben. N. Mem. Brux. xviii. 36.
Ulva diaphana, Lamk. et De Can. Flore France, ii. 6.
——— Sowerby, Eng. Bot. Plate cclxiii.
——— Hudson, Flora Angl. iii. 570.
Alcyonium echinatum, Fleming, B. A. 517.
——— Blainv. M. d'A. 525.
——— Couch, Zooph. Cornw. 44.
——— Couch, Corn. Faun. iii. 134.
——— Johnston, B. Z. ed. i. 304.
Fucus spongiosus, Ray, Syn. i. 49.
Alcyonium seu Fucus, Ellis, N. H. C. Eng. ed. 87.
——— Ellis, N. H. C. Fr. ed. 102.
Pudding Weed, Solander, Zooph. 176.
Sea ragged Staff, Ellis, N. H. C. 87.
——— Couch, Corn. Faun. iii. 132.
Halodactylus diaphanus, Maitland, Faun. Belge, 72.
Geknobbelde zee-stok, Ellis, Koraalg. bl. 94. No. 5. Pl. xii. fig. d, D.
Pijpwier, Pallas, Plantd. bl. 438. No. 207.
Lilachtige Alcyonie, Houttuyn, xvii. bl. 415. No. 11 (nec. fig.)
——— Houttuyn, Dl. xv. Plate cxv. fig. 3?.
——— Benn. en V. Oliv. xv. 2. bl. 164. No. 2.
——— Van de Hoeven, Handb. Dierk. 2 uitg. Plate ii. fig. 7, A. B.

The *Alcyonidium echinatum* is stated to be a Hydroid by Hassall in the Annals and Mag. Nat. Hist. vii. 371. Couch is the authority for its being entered here.

45. ALCYONIDIUM HIRSUTUM, Fleming ; Hks. B. M. P. 493.
——— Hincks, A. M. N. H. 3. ix. 470. sep. 56.
——— Gosse, Mar. Zool. ii. 19.

ALCYONIDIUM HIRSUTUM, Fleming (*continued*)—
——— Alder, T. T. F. C. sep. 63.
——— MacGill. A. M. N. H. ix. 468.
——— Landsborough, B. Z. 364.
——— Hassall, A. M. N. H. vii. 370.
——— Couch, Zooph. Cornw. 43.
——— Couch, Corn. Faun. iii. 133.
——— Johnson, B. Z. ed. 1. 303.
——— Johnson, B. Z. ed. 2. 360.
——— Verrill, R. I. V. S. Extr. 414.
——— Winther, Bry. Dan. sep. 12.
——— Vigelius, 'Wm. Barents,' 17.
Alcyonidium hirsutum, forma *erecta*, Smitt, K. S. B. 1865. 497.
Alcyonium hirsutum, Fleming, B. A. 517.
——— Blainv. D. S. N. lx. 488.
——— Blainv. M. d'A. 525.
——— Johnst. Trans. N. H. Soc. Newc. ii. part 1. 251.
Alcyonidium papillosum, Hassall; Sm. K. S. B. 1864. 499.
——— Freese, Bry. Ostsee, 33.
Cycloum papillosum, Hassall, A. M. N. H. vii. 483.
——— Johnston, B. Z. ed. 2. 364.
——— Landsb. B. Z. 366.
——— Gosse, Devon Coast, 157.
——— Sars, N. Mag. Nat. vi. 152.
? *Alcyonium palmatum*, Dalyell, R. R. A. S. ii. 43.
Halodactyle velu, V. Ben. Mem. Brux. xviii. sep. 37.
Halodactylus hirsutus, Maitland, Faun. Belg. 73.
——— Lansweert, Zooph. litt. Belg. Extr. iii. 115.
Zachte getakte Alcyonium, Baster. Nat. Uitsp. bl. 28. Plate i. fig. 5.
Zacht gesternde Alcyonii, Benn. en Oliv. xv. 2. bl. 165. No. 3.
——— Houttuyn, xvii. bl. 417. Plate cxxxiv. fig. 1.

46. ALCYONIDIUM LINEARE, Hincks, B. M. P. 496.
——— Hincks, A. M. N. H. 4. xx. 217.
——— Alder, T. T. F. C. v. sep. 21.
Alcyonidium hirsutum, forma *hippothoeoides*, Smitt, K. S. B. 1865. 497.

47. ALCYONIDIUM MAMILLATUM, Alder, T. T. F. C. v. sep. 64.
——— Busk, Jour. Mic. Soc. v. 25.
——— Hincks, B. M. P. 495.
——— Levinsen, 'Kara-Havet,' 22.
——— Lorenz, 'Jan Mayen,' sep. 17.
——— Smitt, Ofv. K. Vet.-Ak. Förh. 1878. ii. 11.
Alcyonidium hirsutum β.β. membranacea, Smitt, K. S. B. 1865. 497.

47*a*. A. MAMILLATUM, var. DISCIFORME, Smitt, K. S. B. 1871. 1122.
——— Levinsen, 'Kara-Havet,' 23.

48. ALCYONIDIUM MYTILI, Dalyell, R. R. A. S. ii. 36.
——— Hincks, B. M. P. 498.
——— Hincks, A. M. N. H. 5. xix. 308.
——— Kirkpatrick, A. M. N. H. 6. ii. 17.
——— Smitt, K. S. B. 1865. 496.
——— Lorenz, 'Jan Mayen,' sep. 17.
——— Winther, Bry. Dan. sep. 11.
——— Freese, Bry. Ostsee, 32.
Alcyonidium hexagonum, Hincks, Q. J. M. S. v. 176.
——— Hincks, A. M. N. H. ix. 470.
——— Alder, T. T. F. C. 1857. sep. 65.
Alcyonidium parasiticum, Smitt, Hafs.-Bry.Vet.-Ak. Förh. 1865. 27.

49. ALCYONIDIUM PARASITICUM, Fleming; Hks. B. M. P. [502.
——— Hincks, A. M. N. H. ix. 470.
——— Johnston, B. Z. ed. 1. 304.
——— Johnston, B. Z. ed. 2. 362.
——— Hassall, A. M. N. H. vii. 370.
——— Couch, Zooph. Cornw. 44.
——— Couch, Corn. Faun. iii. 134.
——— Dalyell, R. R. A. S. ii. 33.
——— Gray, B. M. C. i. 92.
——— Reid, A. M. N. H. xvi. 393.
——— Landsb. B. Z. 365.
——— Gosse, Mar. Zool. 19.
——— Alder, T. T. F. C. sep. 64.
——— Smitt, K. S. B. 1865. 498.
——— Verrill, R. I. V. S. Extr. 414.
Alcyonium parasiticum, Fleming, B. A. 518.
——— Blainv. D. S. N. lx. 488.
——— Blainv. M. d'A. 525.
Halodactylus parasiticus, Maitland, Faun. Belg. 73.
——— Lansweert, Zooph. litt. Belge, iii. 116.
Halodactyle parasite, V. Ben. Mem. Brux. xviii. 38. [H.]
——— V. Ben. Recherches, 62. [iii. 142.

50. ALCYONIDIUM? PELLUCIDUM, Leidy, 'Rhode Island,' 2.

51. ALCYONIDIUM POLYOUM, Hassall; Hincks, B. M. P. 501.
——— Alder, T. T. F. C. sep. 65.
——— Freese, Bry. Ostee, 32.
Sarcochitum polyoum, Hassall, A. M. N. H. vii. 484.
——— Johnston, B. Z. ed. 2. 363.
——— Landsb. B. Z. 366.
——— Gosse, Mar. Zool.

52. ALCYONIDIUM RADIATUM, Alder, m.s. Hks. B. M. P. 504.

53. ALCYONIDIUM RAMOSUM, Verrill, Am. Jour. Sci. iii. 289.
——— Verrill, R. I. V. S. Extr. 414.

54. ALCYONIDIUM RAMOSUM, Lamx. Ency. méth. xiv. 40.

55. ALCYONIDIUM RUBRUM, Verrill, Proc. U.S. Nat. Mus. 188.

56. ALCYONIDIUM SUBVIRIDE, Couch, Zooph. Cornw. 43.
——— Couch, Corn. Faun. iii. 133.

57. AMASTIGIA NUDA, Busk, B. M. C. i. 40.
——— MacGill. C. V. 14.
Caberea nuda, Busk, m.s. t. 36.

58. AMATHIA ACERVATA, Lamx. Ency. méth. xiv. 45.
——— Ten.-Woods, Proc. Roy. Soc. N.S.W. 1879. 101.
Serialaria acervata, Lamk. An. s. V. ed. 2. 170.
——— d'Orb. P. F. T. C. 595.
——— Blainv. M. d'A. 476.

59. AMATHIA ALTERNATA, Lamx. Expos. méth. 10. Plate lxv. figs. 18, 19.
——— Lamx. Ency. méth. xiv. 44.
——— Lamx. P. C. F. 60.
——— Ten.-Woods, Proc. Roy. Soc. N.S.W. 1879. 100.
Serialaria alternata, Lamk. An. s. V. ed. 2. 170.
——— Blainv. M. d'A. 476.
——— d'Orb. P. F. T. C. 595.

60. AMATHIA AUSTRALIS, Ten.-Woods, Proc. Roy. Soc. of N.S.W. 1879. 102.
——— MacGill. C. V. 34.
——— Kirkp. A. M. N. H. 6. ii. 17.
Serialaria australis, Ten.-Woods, Proc. Roy. Soc. of N.S.W. 1877.

61. AMATHIA BISERIATA, Krauss, Zooph. Südsee, 1837. 23.
——— Waters, A. M. N. H. 5. xx. 264.
——— Kirkp. A. M. N. H. 6. ii. 17.
Serialaria Woodsii, Goldst. Q. J. M. S. Vic. i. 1. 20.
? *Amathia inarmata*, MacGill. Tr. Roy. Soc. Vic. xxiii. 183.

62. AMATHIA BRASILIENSIS, Busk, 'Challenger,' l. 34.

63. AMATHIA BRONGNIARTII, Desm. et Les. Plate xii. fig. 5.
——— Kirkp. A. M. N. H. 6. ii. 18.
Amathia sp. Perg. Bull. Soc. R. M. Belge, xxii. sep. 6.

64. AMATHIA CONNEXA, Busk, 'Challenger,' l. 35.
——— Kirkp. A. M. N. H. 6. ii. 17.
——— Perg. Bull. Soc. R. M. Belge, xxii. sep. 6.

AMATHIA CONNEXA, Busk (*continued*)—
Sirinx cruciformis, Desm. et Les. Plate xiii. fig. 3. [P.]
? *Amathia tortuosa*, Ten.-Woods non Busk, Perg. l. c.

65. AMATHIA CONVOLUTA, Lamx. P. C. F. 160.
——— Lamx. Ency. méth. xiv. 44.
——— Ten.-Woods, Proc. Roy. Soc. N.S.W. 1879. 100.
Serialaria convoluta, Blainv. M. d'A. 476.

66. AMATHIA CORNUTA, Lamk. Perg. Bull. Soc. R. M. Belge, xxii. sep. 6.
——— Lamx. P. C. F. 159.
——— Lamx. Ency. méth. xiv. 43.
Amathia Lemanii, Desm. et Les. Plate xiii. fig. 6. [P.]
Serialaria cornuta, Lamk. An. s. V. ii. 131.
——— Blainv. M. d'A. 476.
——— d'Orb. P. F. T. C. 595.
——— Ten.-Woods, Proc. Roy. Soc. N.S.W. 1879. 99.
——— MacGill. Descr. Aus. Pol. 1869. list only.

67. AMATHIA CRISPA, Lamk.; Perg. Bull. Soc. R. M. Belg. xxii. sep. 6.
Serialaria crispa, Lamk. An. s. V. ed. 1. ii. 131.
——— Lamk. An. s. V. ed. 2. ii. 172.
——— d'Orb. P. F. T. C. 595.
——— MacGill. Descr. Aus. Pol. 1869. list only.
Sirinx circumplicata, Desm. et Les. Plate xiii. fig. 4. [P.]

68. AMATHIA DISTANS, Busk, 'Challenger,' l. 33.
——— MacGill. Tr. Roy. Soc. of S.Aus. June 1889. 30.

69. AMATHIA INARMATA, MacGill. Descr. new Pol. Part xii. 5.
——— MacGill. Tr. Roy. Soc. Vic. Nov. 1886.
——— MacGill. C. V. 34.

70. AMATHIA LENDIGERA, Linn.; Hks. B. M. P. 516.
——— Busk, 'Challenger,' l. 33.
——— Heller, Bry. Adr. 1867. 127.
——— Fischer, Bry. Sud-ouest France, 11.
——— Kirkp. A. M. N. H. 6. ii. 17.
——— Lamx. Bull. Soc. Philom. 1812.
——— Lamx. P. C. F. 159.
——— Lamx. Pol. Coral. 68.
——— Lamx. Expos. méth. 10.
——— Lamx. Ency. méth. xiv. 43.
Sertularia lendigera, Linn. Syst. Nat. ed. 12?. 1311.
——— Linn. Syst. Nat. Gmel. ed. 3854.
——— Linn. Turton, iv. 682.
——— Linn. Faun. Suec. ii. 2248.
——— Pallas, Elenchus, 124.

AMATHIA LENDIGERA, Linn. (*continued*)—
Sertularia lendigera, Lister, Phil. Trans. 1834. 384.
——— Stewart, Elem. ii. 445.
——— Bosc, Vers, iii. 99 et 117.
——— Olivi, Zool. Adr. 289.
——— Esper, Zooph. tab. ix. fig. 1, 2.
——— Schweig. Handb. Nat. 426.
——— Berk. Syn. i. 218.
——— Wern. Mem. i. 564.
——— Turt. Brit. Faun. 215.
——— Hogg's Nat. Hist. Stockton, 33.
——— Solander, Zooph. 52.
Sertalaria lendigera, Flem. B. A. 547.
——— Templ. Mag. Nat. Hist. ix. 467.
——— Johnston, B. Z. ed. 1. 251.
——— Johnston, B. Z. ed. 2. 368.
——— Couch, Zooph. Cornw. 37.
——— Couch, Corn. Faun. iii. 94.
——— Landsb. B. Z. 367.
——— Alder, T. T. F. C. sep. 66.
——— Busk, Eng. Cyclo. iv. 430.
——— Stark, Elem. ii. 439.
——— Blainv. M. d'A. 476.
——— Lamk. An. s. V. ed. 1. ii. 130.
——— Lamk. An. s. V. ed. 2. ii. 169.
——— Cuvier, Règ. An. ed. 2. iii. 301.
——— Risso, Eur. Mérid. v. 315.
——— Westendorp, Pol. Flex. Belg. Extr. 35.
——— Ten.-Woods, Proc. Roy. Soc. N.S.W. 1877. 83.
——— d'Orb. P. F. T. C. 594.
——— Lansweert, Zooph. litt. Belge, iii. 116.
——— Maitland, Faun. Belg. 71.
Neet-korallijn, Ellis, Koraalg. bl. 40. No. 24. Plate xv. fig. b, B.
——— Pallas, Plantd. bl. 155. No. 73.
——— Houttuyn, xvii. bl. 562. No. 20.
——— Benn. en Oliv. xv. 2. bl. 192. No. 18.
Sertolara lendinosa, Cavolini, Pol. Mar. 229.
——— Chiaje, An. s. V. Nap. iv. 146.
Valkeria lendigera, Dalyell, R. R. A. S. i. 249.
Fucoides lendigerum, Raii, Syn. 38.
Corallina exigua, Ellis, N. H. C. Eng. ed. 27.
——— Ellis, N. H. C. Fr. ed. 43.
Nit Coralline, Ellis, N. H. C. 27.
——— Couch, Corn. Faun. iii. 94.

71. AMATHIA PINNATA, Kirkpatrick, A. M. N. H. 6. ii. 19.

72. AMATHIA PRECATORIA, Lamx. Ency. méth. xiv. 45.
——— Ten.-Woods, Proc. Roy. Soc. of N.S.W. 1879. 101.
Serialaria precatoria, Blainv. M. d'A. 476.

73. AMATHIA SEMICONVOLUTA, Lamx. Ency. méth. xiv. 44.
——— Heller, Bry. Adr. 1867. 127.
——— Ten.-Woods, Proc. Roy. Soc. of N.S.W. 1879. 102.
——— Lamk. An. s. V. ed. 2. ii.
Serialaria semiconvoluta, d'Orb. P. F. T. C. 595.

74. AMATHIA SEMISPIRALIS, Kirch. ; Busk, 'Challenger,' l. 36.
——— Waters, A. M. N. H. 5. xx. 264.
Serialaria semispiralis, Kirch. Cat. Mus. Godefr. iv. 33.

75. AMATHIA SPINOSA, Desm. et Les. Perg. Bull. Soc. R. M. Belg. xxii. sep. 6.
Amathia bicornis, Ten.-Woods, Proc. Roy. Soc. N.S.W. xvi. 102.
——— MacGill. C. V. 34.
——— Kirkp. A. M. N. H. 6. ii. 17.
Serialaria spiralis, Ten.-Woods, Proc. Roy. Soc. of N.S.W. 1887. 84. sep. 2. [P.]
Sirinx spinosa, Desm. et Les. Plate xiii. fig. 2. [P.]

76. AMATHIA SPIRALIS, Lamx. P. C. F. 161.
——— Lamx. Expos. méth. 10. Plate lxv. fig. 16, 17.
——— Lamx. Ency. méth. xiv. 44.
——— Ten.-Woods, Proc. Roy. Soc. of N.S.W. 1879. 101.
——— Busk, 'Challenger,' l. 34.
——— MacGill. C. V. 34.
——— d'Orb. P. F. T. C. 594.
——— Pergens, Bull. Soc. R. M. Belg. xxii. sep. 6.
Sirinx Archimedi, Desm. et Les. Plate xiii. fig. 1. [P.]
? *Spiralia spiralis*, Kirch. Cat. Mus. Godefr. iv. 119.
Serialaria spiralis, Blainv. M. d'A. 476.
Serialaria convoluta, Lamk. An. s. V. ed. 1. ii. 131.
——— Lamk. An. s. V. ed. 2. ii. 171.
——— Schweiger, Handb. Nat. 476.

77. AMATHIA TORTUOSA, Ten.-Woods ; Busk, 'Challenger,' l. 34.
——— MacGill. C. V. 34.
? *Amathia tortuosa*, Ten.-Woods, Proc. Roy. Soc. of N.S.W. xvi. 89.

78. AMATHIA UNILATERALIS, Lamx. P. C. F. 60.
——— Lamx. Expos. méth. 10. Plate lxvi. fig. 1, 2.
——— Lamx. Ency. méth. xiv. 43.
——— Lamk. An. s. V. ed. 2. 170.
——— Ten.-Woods, Proc. Roy. Soc. of N.S.W. xvi. 100.

AMATHIA UNILATERALIS, Lamx. (*continued*)—
Serialaria unilateralis, Blainv. M. d'A. 476.
——— d'Orb. P. F. T. C. 595.
——— Risso, Eur. Mérid. v. 315.

79. AMATHIA WILSONI, Kirkpatrick, A. M. N. H. 6. ii. 18.

80. AMATHIA, 'sp. undetermined,' Verrill, Pr. Ac. N. S. Philad. 1878. 304.

81. ANARTHROPORA HORRIDA, Kirkpatrick, A. M. N. H. 6. i. 76.

82. ANARTHROPORA MINUSCULA, Smitt, F. B. 31.

83. ANGUINELLA PALMATA, V. Ben. Recherches, 58.
——— Hincks, B. M. P. 539.
——— Busk, Q. J. M. S. iv. 95.
——— Lansweert, Zooph. litt. Belge, iii.

84. ANGUISIA VERRUCOSA, Jullien, 'Travailleur,' 1881. 8.

85. ARACHNIDIUM CLAVATUM, Hincks, A. M. N. H. 4. xx. 216.
——— Hincks, B. M. P. 510.
Arachnidia hippothöides, Norman, B. A. Rep. 1867. 311

86. ARACHNIDIUM FIBROSUM, Hincks, B. M. P. 511.
? *Arachnidium hippothöides*, (pars) Alder, T. T. F. C. v. part 3. sep. 21.

87. ARACHNIDIUM HIPPOTHÖIDES, Hincks, B. M. P. 509.
——— (pars) Alder, T. T. F. C. v. part 3, sep. 21.
Arachnidia hippothöides, Hincks, A. M. N. H. 3. ix. 471.

88. ARACHNIDIUM SIMPLEX, Hincks, A. M. N. H. 5. vi. 284.

89. ASCORHIZA OCCIDENTALIS, Fewkes, A. M. N. H. 6. iii. 1.

90. ASCOSIA PANDORA, Jullien, 'Travailleur,' 1881. 9.

91. ASPIDOSTOMA GIGANTEA, Busk; Waters, 'Challenger,' lxxix. 28.
Aspidostoma giganteum, Busk, 'Challenger,' xxx. 161.
Eschara gigantea, Busk, B. M. C. ii. 91.
——— Jullien, 'Cap Horn,' 77.
Aspidostoma crassum, Hincks, A. M. N. H. 5. vii. 47.

92. AVENELLA FUSCA, Dalyell, R. R. A. S. ii. 65.
——— Hincks, B. M. P. 527.
Avenella Dalyelli, Wyv. Th. A. M. N. H. 2. ix. 403.
Hincks says that this is not the *Farrella fusca* of Busk, nor the *Avenella fusca* of Alder, nor the *Valkeria fusca* of Smitt.

93. BARENTSIA BULBOSA, Hincks, A. M. N. H. 5. vi. 285.

94. BARENTSIA DISCRETA, Busk.
Ascopodaria discreta, Busk, 'Challenger,' l. 44.

95. BARENTSIA GRACILIS, Sars; Hks. A. M. N. H. 5. xix. 312.
Pedecellina gracilis, Hincks, A. M. N. H. 3. ix. 474.
——— Hincks, A. M. N. H. 2. viii. 360.
——— Hincks, B. M. P. 570.
——— Landsb. B. Z. 375.
——— Gosse, Dev. Coast, 217.
——— Johnston, B. Z. ed. 2. 385.
——— Smitt, K. S. B. 1871. 1133.
——— Sars, Beskr. Jagttag. 6.
——— Winther, Bry. Dan. sep. 32.
——— Freese, Bry. Ostsee, 30.
——— Möbius, Nachtr. wirb. Thier. Ostsee.
——— Joliet, Bry. France, 104.
——— Vigelius, 'Wm. Barents,' 18.
Forbesia gracilis, Goodsir, A. M. N. H. xv. 380.
Ascopodaria gracilis, Busk, 'Challenger,' l. 42.
——— Kirkp. A. M. N. H. 6. ii. 21.
Hydropsis gelatinosa, Örsted, De reg. mar. 81.

95*a*. B. GRACILIS, var. NODOSA, Lomas, Proc. Phil. Soc. Liv. xl. [app.

96. BARENTSIA MAJOR, Hincks, A. M. N. H. 6. i. 226.

97. BARROISINA, genus only, Jullien, Bull. Zool. Fr. Extr. xi. sep. 5.

98. BEANIA ADMIRANDA, Packard, Inv. Faun. Labr. i. 2. 272.
——— Packard, Canad. Nat. 408.

99. BEANIA ARMATA, Heller.
Diachoris armata, Heller, Bry. Adr. 1867. 94.

100. BEANIA AUSTRALIS, Busk, B. M. C. i. 32.

101. BEANIA BILAMINATA, Hincks.
Diachoris bilaminata, Hincks, A. M. N. H. 5. vii. 44.
Flustra papyracea, Hutton, N. Z. Cat. 187.

102. BEANIA COSTATA, MacGill. C. V. 17.
——— McCoy, P. Z. V. decade xii. 68.
Diachoris costata, Busk, 'Kerguelen,' sep. 3.
——— Busk, Phil. Trans. clxviii. 195.
——— Busk, 'Challenger,' xxx. 60.
——— Hincks, A. M. N. H. 5. xv. 246.
——— Jullien, 'Cap Horn,' 73.

103. BEANIA CROTALI, Busk; MacGill. C. V. 17.
——— McCoy, P. Z. V. decade xii. 68.

BEANIA CROTALI, Busk (*continued*)—
Diachoris crotali, Busk, B. M. C. i. 54.
——— Busk, Voy. Ratt. i. 382.
——— Busk, 'Challenger,' xxx. 59.
——— McCoy, P. Z. V. decade v. 32.

104. BEANIA DECUMBENS, MacGillivray, Descr. new Pol. i. 1.
——— MacGill. C. V. 17.
——— McCoy, P. Z. V. decade xii. 67.
Diachoris decumbens, Hincks, A. M. N. H. 5. xv. 247.

105. BEANIA DISTANS, Hincks.
Diachoris distans, Hincks, A. M. N. H. 5. viii. 73.

106. BEANIA ELONGATA, Hincks.
Diachoris elongata, Hincks, A. M. N. H. 5. xv. 244.

107. BEANIA FRAGILIS, Ridley.
Diachoris fragilis, Ridley, Proc. Zool. Soc. Jan. 1881. 45.

108. BEANIA HIRTISSIMA, Heller.
Diachoris hirtissima, Heller, Bry. Adr. 1867. 94.
——— Busk, 'Challenger,' xxx. 61.
Chaunosia hirtissima, Busk, Q. J. M. S. n.s. vii. 241.

108*a*. B. HIRTISSIMA, form ROBUSTA, Hincks.
Diachoris hirtissima, form *robusta*, Hincks, A. M. N. H. 5. viii. 74.

108*b*. B. HIRTISSIMA, form CYLINDRICA, Hincks.
Diachoris hirtissima, form *cylindrica*, Hincks, A. M. N. H. 5. xvii. 263.

108*c*. B. HIRTISSIMA, var. CONFERTA, MacGill.; Waters, A. M. N. H. 6. iv. 4.
Beania conferta, MacGill. Descr. new Pol. ix. 3.
——— MacGill. C. V. 17.

109. BEANIA HYADESI, Jullien.
Diachoris Hyadesi, Jullien, 'Cap Horn,' 74.

110. BEANIA INERMIS, Busk.
Diachoris inermis, Busk, B. M. C. i. 54.
——— Busk, 'Kerguelen,' sep. 2.
——— Busk, 'Challenger,' xxx. 60.
——— Hutton, N. Z. Cat. 188.
——— Jullien, 'Cap Horn,' 73.

111. BEANIA INTERMEDIA, Hincks; MacGill. C. V. 17.
Diachoris intermedia, Hincks, A. M. N. H. 5. viii. 74.

112. BEANIA MAGELLANICA, Busk; MacGill. C. V. 17.
Diachoris magellanica, Busk, B. M. C. i. 54.
——— Busk, 'Kerguelen,' sep. 2.

BEANIA MAGELLANICA, Busk (*continued*)—
Diachoris magellanica, Busk, 'Challenger,' xxx. 59.
——— Hincks, A. M. N. H. 5. xv. 246.
——— Waters, A. M. N. H. 5. iii. 120.
——— McCoy, P. Z. V. decade v. 32.
——— Hutton, N. Z. Cat. 188.
——— Jullien, 'Cap Horn,' 72.
Diachoris Buskii, Heller, Bry. Adr. 1867. 93.

112*a*. B. MAGELLANICA, var. DISTANS, Busk.
Diachoris magellanica, var. *distans*, Busk, 'Challenger,' xxx. 59.

113. BEANIA MIRABILIS, Johnston, A. M. N. H. 1. v. 272.
——— Johnston, B. Z. ed. 2. 372.
——— Landsb. B. Z. 369.
——— Gray, B. M. C. i. 96.
——— Gosse, Dev. Coast, 225.
——— Gosse, Mar. Zool. ii. 14.
——— Waters, A. M. N. H. 5. iii. 117.
——— Busk, B. M. C. i. 32.
——— Hincks, A. M. N. H. 2. xv. 129.
——— Hincks, A. M. N. H. 3. ix. 25.
——— Hincks, Jour. Lin. Soc. xxi. 129.
——— Hincks, B. M. P. 96.
——— Smitt, K. S. B. 1867. 292.
——— Heller, Bry. Adr. 1867. 89. (13.)
——— McCoy, P. Z. V. decade xii. 63.
——— MacGill. C. V. 17.

114. BEANIA QUADRICORNUTA, Hincks; Waters, A. M. N. H. 6. iv. 4.
Diachoris quadricornuta, Hincks, A. M. N. H. 5. xv. 245.
Diachoris maxilla, Jullien, 'Cap Horn,' 74. [W.]

115. BEANIA SPINIGERA, MacGillivray, C. V. 17.
Diachoris spinigera, MacGill. Notes on Pol. Vic. 1859. 164.
——— MacGill. Tr. Phil. Inst. Vic. iv. part 2. 165.
——— McCoy, P. Z. V. decade v. 32.
——— Waters, A. M. N. H. 5. xx. 94.

116. BEANIA SWAINSONI, Hutton, N. Z. Cat. 185. is a species of *Amathia*.
——— Hutton, C. M. M. 91.

117. BEANIA WILSONI, MacGillivray, Descr. new Pol. viii. 3.
——— MacGill. C. V. 17.

118. BENEDENIPORA CATENATA, Pergens, Bull. Soc. R. M. Belg. sep. 3.

119. BICELLARIA ALDERI, Busk, B. A. Rep. 1859. 145.
——— Busk, Q. J. M. S. viii. 213.
——— Norman, Q. J. M. S. viii. 218.
——— Hincks, B. M. P. 70.
——— Smitt, K. S. B. 1867. 289.
Bicellaria unispinosa, Sars, N. Mag. Nat. B.12. 286.
——— Sars, Geol. og Zool. Ing. 1863. 34.

120. BICELLARIA BELLA, Busk, 'Challenger,' xxx. 34.

121. BICELLARIA CILIATA, Linn.; Blainv. D. S. N. lx. 423.
——— Blainv. M. d'A. 459.
——— Hincks, A. M. N. H. 3. ix. 26.
——— Hincks, B. M. P. 68.
——— Pergens, Bull. Soc. R. M. Belg. xxii. 10.
——— Busk, B. M. C. i. 41.
——— Busk, B. A. Rep. 1859. 144.
——— Gray, B. M. C. i. 122.
——— Gosse, Mar. Zool. ii. 15.
——— Smitt, K. S. B. 1867. 288.
——— Fischer, Bry. Sud-ouest France, 14.
——— MacGill. C. V. 16.
——— McCoy, P. Z. V. decade vi. 39.
Sertularia ciliata, Linn. Syst. Nat. ed. 10. 815.
——— Linn. Syst. Nat. ed. 12. 1316.
——— Linn. Syst. Nat. ed. Gmel. 3860. No. 38.
——— Linn. Turton, iv. 685.
——— Fabr. Nye Zool. Bidr. i. part 1. 36.
——— Esper, Pflanzen. Plate xiv. fig. 1, 2.
——— Jameson, Wern. Mem. 1809. 565.
——— Stewart, Elem. ii. 448.
——— Berk. Syn. i. 230.
Cellularia ciliata, Pallas, Elenchus, 74.
——— Fleming, B. A. 540.
——— Johnston, B. Z. ed. 1. 290.
——— Johnston, B. Z. ed. 2. 335.
——— Hassall, A. M. N. H. 1. vi. 172.
——— Couch, Zooph. Cornw. 56.
——— Couch, Corn. Faun. iii. 126.
——— Landsb. B. Z. 337.
——— Alder, T. T. F. C. iii. 148. sep. 58.
——— Dalyell, R. R. A. S. i. 239.
——— d'Orbigny, P. F. T. C. 49.
——— Maitland, Faun. Belg. 69.
Cellaria ciliata, Solander, Zooph. 24.
——— Bruguière, Ency. i. 442, 451.
——— Lamk. An. s. V. ed. 1. ii. 139.

BICELLARIA CILIATA, Linn. (*continued*)—
Cellaria ciliata, Lamk. An. s. V. ed. 2. ii. 186.
Bugula ciliata, Oken, Lehr. Nat. Zool. Ab. 2. 89.
Crisia ciliata, Lamx. P. C. F. 139.
——— Lamx. Ency. méth. xiv. 225.
——— V. Ben. Mem. Brux. xviii. 27.
——— V. Ben. Recherches, 51.
——— Westendorp, Pol. Flex. Belg. Extr. 18.
——— Lansweert, Zooph. litt. Belg. iii. 118.
——— Templ. Lon. Mag. Nat. Hist. ix. 468.
Corallina cellifera, Ellis, N. H. C. Eng. ed. 38.
——— Ellis, N. H. C. Fr. ed. 53.
Ciliated Coralline, Ellis, N. H. C. 38.
——— Couch, Corn. Faun. iii. 126.
Oog-hair korallijn, Ellis, Koraalg. bl. 50. No. 5. Plate xx. fig. d, D.
——— Pallas, Plantd. bl. 91. No. 32.
Oog-hairtjes korallijn, Houttuyn, xvii. bl. 593. No. 38.

122. BICELLARIA EVOCATA, Jullien, 'Travailleur,' 1881. 12.

123. BICELLARIA GRACILIS, Busk, B. M. C. i. 42.
——— Busk, Voy. Ratt. i. 374.
——— MacGill. C. V. 16.

124. BICELLARIA GRANDIS, Busk, B. M. C. i. 42.
——— Busk, Voy. Ratt. i. 374.
——— MacGill. C. V. 16.
——— McCoy, P. Z. V. decade vi. 38.

125. BICELLARIA INFUNDIBULATA, Busk, 'Challenger,' xxx. 33.

126. BICELLARIA MACILENTA, Busk, 'Challenger,' xxx. 35.

127. BICELLARIA MOLUCCENSIS, Busk, 'Challenger,' xxx. 34.

128. BICELLARIA MURICATA, Lamx. ; Blainv. M. d'A. 459.
Crisia muricata, Lamx. P. C. F. 140.

129. BICELLARIA NAVICULARIS, Busk, 'Challenger,' xxx. 32.

130. BICELLARIA PECTOGEMMA, Goldstein, Proc. Roy. Soc. Vic. xviii.
——— Busk, 'Challenger,' xxx. 33.
Bicellaria spatulata, Busk, 'Challenger,' xxx. Plate vii. fig. 1.

130*a*. B. PECTOGEMMA, var. FLACCIDA, Busk, 'Challenger,' xxx. 34.

131. BICELLARIA PILOSA, Blainv. M. d'A. 459.
Sertularia pilosa, Linn. Syst. Nat. ed. Gmel. 3860.

132. BICELLARIA PUELCHA, d'Orbigny, Voy. Am. 8.
Cellularia puelcha, d'Orbigny, P. F. T. C. 50.

133. BICELLARIA TUBA, Busk, B. M. C. i. 42.
——— Busk, Voy. Ratt. i. 373.
——— MacGill. C. V. 16.
——— McCoy, P. Z. V. decade vi. 37.
——— Hutton, N. Z. Cat. 186.

134. BICELLARIA TURBINATA, MacGillivray, Descr. new Pol. 1868. 4.
——— MacGill. Tr. Roy. Soc. Vic. 1869. ix. 129.
——— MacGill. C. V. 16.
——— McCoy, P. Z. V. decade vi. 39.

135. BIDIASTOPORA TORQUATA, Kirkpatrick, A. M. N. H. 6. ii. 15.
? *Bidiastopora compressa*, d'Orb. P. F. T. C. 801.
? *Entalophora compressa*, d'Orb. Prodromus, ii. 176.

136. BIFAXARIA ABYSSICOLA, Busk, 'Challenger,' xxx. 82.

137. BIFAXARIA CORRUGATA, Busk, 'Challenger,' xxx. 80.
——— Waters, 'Challenger,' lxxix. 15.

138. BIFAXARIA DENTICULATA, Busk, 'Challenger,' xxx. 82.
——— Waters, 'Challenger,' lxxix. 15.

139. BIFAXARIA LÆVIS, Busk, 'Challenger,' xxx. 80.
Antipathes humilis, Ag. and Pourt. Hassl. Exped. 1874. 8.

140. BIFAXARIA MINUTA, Busk, 'Challenger,' xxx. 81.

141. BIFAXARIA PAPILLATA, Busk, 'Challenger,' xxx. 81.

142. BIFAXARIA RETICULATA, Busk, 'Challenger,' xxx. 82.

143. BIFAXARIA SUBMUCRONATA, Busk, 'Challenger,' xxx. 80.
——— Waters, 'Challenger,' lxxix. 14.

144. BIPORA UMBONATA, Haswell; Whitelegge, Proc. Lin. Soc. of N.S.W. 2. ii. 345.
——— Whitelegge, A. M. N. H. 6. i.
Eschara umbonata, Haswell, Proc. Lin. Soc. of N.S.W. v. part 1.

145. BOWERBANKIA BISERIALIS, Hincks, A. M. N. H. 5. xix. 309.

146. BOWERBANKIA CAUDATA, Hincks, B. M. P. 521.
——— Hincks, A. M. N. H. 5. xix. 309.
Valkeria caudata, Hincks, A. M. N. H. 4. xx. 215.

147. BOWERBANKIA CITRINA, Hincks, B. M. P. 524.
Valkeria citrina, Hincks, A. M. N. H. 4. xx. 215.
? *Valkeria imbricata*, Dalyell, R. R. A. S. i. 246.

148. BOWERBANKIA FRANCORUM, JULLIEN, 'Cap Horn,' 18.

149. BOWERBANKIA GRACILIS, LEIDY, Jour. A. N. S. Philad. 2. iii. 142.
Vesicularia gracilis, Verrill, R. I. V. S. Extr. 415.

150. BOWERBANKIA GRACILLIMA, HINCKS, B. M. P. 525.
Valkeria gracillima, Hincks, A. M. N. H. 4. xx. 216.

151. BOWERBANKIA HAHNI, JULLIEN, 'Cap Horn,' 20.

152. BOWERBANKIA IMBRICATA, ADAMS; Hincks, B. M. P. 519.
——— Hincks, A. M. N. H. 3. ix. 473. sep. 59.
——— Johnston, B. Z. ed. 2. 377.
——— Wyv. Th. Nat. Hist. Ireland, iv. 466.
——— Alder, T. T. F. C. sep. 67.
——— Landsb. B. Z. 373.
——— Vigelius, Bry. Oostersch. Supp. i. 549.
——— Joliet, Bry. France, 102.
——— Maitland, Faun. Belg. 71.
Sertularia imbricata, Adams, Lin. Trans. v. 11.
——— Thomp. Zool. Research. Mem. v. 94.
Serialaria imbricata, Temp. Lon. Mag. Nat. Hist. ix. 467.
Valkeria imbricata, Johnston, B. Z. ed. 1. 254.
——— Hassall, A. M. N. H. vii. 363.
? ——— Couch, Corn. Faun. iii. 95.
Bowerbankia densa, Farre, Phil. Trans. 1837. 391.
——— Johnston, B. Z. ed. 1. 255.
——— Wyv. Th. A. M. N. H. v. 252.
——— V. Ben. N. Mem. Brux. xviii. 5.
——— V. Ben. Recherches, 29.
——— Lansweert, Zooph. litt. Belge, iii. 116.
B. imbricata, form *densa*, Hincks, A. M. N. H. 5. xix. 309.
Valkeria glomerata, Coldstream, Edinb. Ph. Tr. ix. 235.
——— Coldstream, Ed. Jour. Nat. Geog. S. iii. 53.
Serialaria verticillata, Temp. Lon. Mag. Nat. Hist, ix. 467.
? *Vesicularia Caspica*, Ostroumoff, in Trud. obsch. estest. xvi. sep. 33.
Harting, de Magt van het Kleine enz. bl. 30. (c. icon.)
Fock, Handboek der vergelijkende ontleedk. Plate ii. fig. 3.

153. BOWERBANKIA MINUTISSIMA, JULLIEN, 'Cap Horn,' 21.

154. BOWERBANKIA PUSTULOSA, SOLANDER; Hks. B. M. P. 522.
——— Hincks, A. M. N. H. 5. xix. 309.
Sertularia pustulosa, Solander, Zooph. 54.
——— Fleming, B. A. 551.

BOWERBANKIA PUSTULOSA, Solander (*continued*)—
Valkeria pustulosa, Johnston, B. Z. ed. 2. 376.
——— Landsb. B. Z. 372.
——— Leidy, 'Rhode Isld.' 2. iii. 143.
Vesicularia pustulosa, Thomp. Zool. illust. 99.
? *Valkeria vidovici*, Heller, Bry. Adr. 1867. 128.
Dichotomous tubular Coralline, Ellis, N. H. C. 54.

155. BRACEBRIDGIA GEOMETRICA, Reuss; Waters, 'Challenger,' lxxix. 24.
Biflustra geometrica, Reuss, 'Septarienthon.' xxv. 189.
Porella emendata, Waters, 'Curdies Creek,' 336.
Mucronella pyriformis, Busk, 'Challenger,' xxx. 155.
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Bracebridgia pyriformis, MacGill. Descr. new Pol. ix. 8.
——— MacGill. Tr. Roy. Soc. Vic. xxii. sep. 8.
——— MacGill. C. V. 28.
——— McCoy, P. Z. V. decade xvi. 219.

156. BRETTIA AUSTRALIS, Busk, 'Challenger,' xxx. 7.

157. BRETTIA CORNIGERA, Busk, 'Challenger,' xxx. 7.

158. BRETTIA PELLUCIDA, Dyster, Q. J. M. S. vi. 260.
——— Hincks, B. M. P. 28.

159. BRETTIA TUBÆFORMIS, Hincks, B. M. P. 28.
Brettia pellucida, Norman, B. A. Rep. 1866. 196, 199.
——— Norman, Q. J. M. S. n.s. viii. 212.

160. BUFFONELLA RIMOSA, Jullien, 'Cap Horn,' 47.

161. BUGULA AVICULARIA, Linn.; Hks. B. M. P. 75.
——— Hincks, A. M. N. H. 3. ix. 27.
——— Busk, B. M. C. i. 45.
——— Alder, T. T. F. C. 149. sep. 59.
——— Waters, A. M. N. H. 5. iii. 117.
——— Oken, Lehr. Nat. Zool. Ab. 2. 90.
——— Kirch. 'Pomerania,' 183.
——— Heller, Bry Adr. 1867. 91.
——— Lorenz, 'Jan Mayen,' sep. 2.
——— *form* 1. Smitt, K. S. B. 1867. 289. Fig. 9, 10, 12–15.
——— Verrill, Cont. Zool. Mus. Yale Coll. No. xliii.
——— Verrill, Am. Jour. Sci. Art. 3. xviii. 52.
——— MacGill. C. V. 17.
——— McCoy, P. Z. V. decade viii. 31.
Sertularia avicularia, Linn. Syst. Nat. ed. 10. 809.
——— Linn. Syst. Nat ed. 12. 1315.
——— Linn. Syst. Nat. ed. Gmel. 3859.
——— Linn. Turton. iv. 685.

BUGULA AVICULARIA, LINN. (*continued*)—
Sertularia avicularia, Stewart, Elem. ii. 448.
——— Olivi, Zool. Adr. 290.
——— Berk. Syn. i. 220.
——— Jameson, Wern. Mem. 1809. 565.
Cellularia avicularia, Johnst. B. Z. ed. 1. 292.
——— Johnst. B. Z. ed. 2. 338.
——— Couch, Corn. Faun. iii. 128.
——— Landsb. B. Z. 341.
——— V. Ben. Recherches, xviii. 48. sep. 17, 24.
——— Maitland, Faun. Belg. 68.
——— Bruguière, Ency. 449.
——— Couch, Zooph. Cornw. 58.
Cellaria avicularia, Johnston, Trans. N. H. Soc. Newc. ii. 26.
——— Solander, Zooph. 22.
——— Lamk. An. s. V. ed. 1. ii. 141.
——— Lamk. An. s. V. ed. 2. ii. 191.
Cellularia avicularis, Dalyell, R. R. A. S. i. 241.
——— Reid, A. M. N. H. 1. xvi. 389.
Crisia avicularia, Lamx. Bull. Soc. Phil. 1812. 183.
——— Lamx. P. C. F. 141.
——— Lamx. Ency. méth. xiv. 225.
——— Temp. Lon. Mag. Nat. Hist. ix. 468.
Ornithopora avicularia, d'Orbigny, P. F. T. C. 322.
Corallina cellifera, var. *β*. Ellis, N. H. C. Eng. ed. 36.
Bird's Head Coralline, Ellis, N. H. C. Plate xx. fig. a. A.
Bugulina avicularia, Gray, B. M. C. i. 114. [S.]
? *Halophila Johnstoniæ*, Hutton, N. Z. Cat. 186.
Avicella avicularoides, V. Ben. Bull. Ac. Brux. xv. part 1. 77. [S.]
Avicella Nordmanni, V. Ben. Bull. Ac. Brux. xv. part 1. 78. [S.]
Acamarchis avicularis, Nordmann, Faun. Pon. Pol. Plate iii. [S.]
——— Cuvier, An. illust. Plate lxix. fig. 22. [S.]
Cellularia avicularia, Hass. A. M. N. H. 1. vi. 172. [S.]
——— Hass. A. M. N. H. 1. vii. 370. [S.]
Vogelkop-korallijn, Ellis, Koraalg. bl. 48. No. 2. Plate xx. fig. a. A.
Vogelbeks-korallijn, Pallas, Plantd. bl. 84. No. 26. Plate iii. fig. 5. A.
Vogelkop-korallijn, Benn. en Oliv. xv. 2. bl. 197. No. 26.

161*a*. B. AVICULARIA, var SPICATA, WATERS.

162. BUGULA BICORNIS, BUSK, 'Challenger,' xxx. 40.

163. BUGULA BOREALIS, PACKARD.
Halophila borealis, Packard, Inv. Faun. Labr. i. 2. 273.
——— Packard, Canad. Nat. 409. Plate i. fig. 4.

164. BUGULA BRASILIENSIS, d'Orbigny.
Achamarchis Brasiliensis, d'Orb. Voy. Am. v. 4. 10.
——— d'Orb. P. F. T. C. 324.
——— Kirch. Cat. Mus. Godef. iv. 118.

165. BUGULA CALATHUS, Norman, Q. J. M. S. n.s. viii. 218.
——— Hincks, B. M. P. 82.

166. BUGULA CUCULLATA, Verrill, Proc. U.S. Nat. Mus. 188.
——— Verrill, Am. Jour. Sci. xviii. 52.
——— Verrill, Cont. Zool. Mus. Yale Coll. No. xliii.

167. BUGULA DECORATA, Verrill, Proc. U.S. Nat. Mus. 188.
——— Verrill, Am. Jour. Sci. xviii. 52.
——— Verrill, Cont. Zool. Mus. Yale Coll. No. xliii.

168. BUGULA DENTATA, Lamx. ; Busk, B. M. C. i. 46.
——— MacGill. C. V. 16.
——— McCoy, P. Z. V. decade viii. 30.
——— Hutton, N. Z. Cat. 186.
Acamarchis dentata, Lamx. P. C. F. 135.
——— Lamx. Expos. méth. 6.
——— Lamx. Ency. méth. xiv. 2.
——— d'Orb. P. F. T. C. 324.
——— Blainv. M. d'A. 459.
Acamarchis tridentata, Krauss. Zooph. Südsee, 31.
Cellaria neritina, *var.* β. Lamk. An. s. V. ii. 191.

169. BUGULA DITRUPÆ, Busk. Q. J. M. S. vi. 261.
Bugula flabellata, Thomp. *var. biseriata s. Ditrupæ*, Busk, Q. J. M. S. vi. 125.

170. BUGULA FLABELLATA, J. V. Thompson, Q. J. M. S. n.s. viii. Plate vi. fig. 9.
——— Busk, B. M. C. i. 44.
——— Hincks, B. M. P. 80.
——— Alder, T. T. F. C. sep. 59.
——— Ellis, N. H. C. Plate xxxviii. fig. 7.
——— Ellis, N. H. C. Fr. ed. 119.
——— Heller, Bry. Adr. 1867. 91.
——— Grube, 'die Insel Lussin,' 67.
——— Verrill, R. I. V. S. 417.
——— Smitt, F. B. i. 18.
——— Gosse, Mar. Zool. ii. 15.
Bugula avicularia, form *flabellata*, Smitt, K. S. B. 1867. 289.
——— Waters, A. M. N. H. 5. iii. 117. [fig. 11.
——— Winther, Bry. Dan. sep. 19.
Avicularia flabellata, J. V. Thompson, m.s Brit. Mus.
——— Gray, B. M. C. i. 106.
——— Gray, Proc. Zool. Soc. 1848.

BUGULA FLABELLATA, J. V. THOMPSON (*continued*)—
Avicella avicularia, V. Ben. Bull. Ac. Brux. xv. 1. 77. sep. 9.
——— Lansweert, Zooph. litt. Belge, iii. 117.
Avicella mediterranea, V. Ben. Bull. Ac. Brux. xv. i. 77.
Cellularia avicularia, var. β. V. Ben. Recherches, 48.
——— Pallas, Elenchus, 68.
Flustra avicularis, Fleming, B. A. 506.
——— Sowerby, Brit. Misc. ii. 21.
——— Johnston, B. Z. ed. 2. 346.
——— Couch, Zooph. Cornw. 54.
——— Couch, Corn. Faun. iii. 122.
——— Blainv. D. S. N. lx. 415.
——— Blainv. M. d'A. 451.
——— Hassall, A. M. N. H. vii. 369.
——— Johnst. Trans. N. H. Soc. Newc. ii. 265.
——— Johnst. B. Z. ed. 1. 286.
——— Landsb. B. Z. 350.
Flustra angustiloba, Lamk. An. s. V. ed. 1. ii. 158.
——— Lamk. An. s. V. ed. 2. ii. 222.
Bugula angustiloba, Fischer, Bry. Sud-ouest France, 14.
Flustra capitata, Hogg, Nat. Hist. Stock. 36.
Crisia flustroides, Lamx. P. C. F. 141.
——— Lamx. Ency. méth. xiv. 225.
Bugula flustroides, Verrill, Am. Jour. Sci. Art. 3. xviii. 52.
——— Verrill, Cont. Zool. Mus. Yale Coll. No. xliii.
Ornithoporina avicularia, d'Orbigny, P. F. T. C. 322.
Bird's head Coralline, Ellis, N. H. C. 36.
Fan-shaped Sea-mat, Couch, Zooph. Cornw. 54.
——— Couch, Corn. Faun. iii. 122.

171. BUGULA FLEXILIS, VERRILL, Am. Jour. Sci. ix. 415. Plate vii.
——— Verrill, Am. Jour. Sci. xvii. 259. [fig. 42.
——— Verrill, Am. Jour. Sci. xviii. 52.
——— Verrill, Cont. Zool. Mus. Yale Coll. No. xliii.

Verrill says this species is a *Kinetoskias* of Koren and Danielssen.

172. BUGULA GRACILIS, BUSK, Q. J. M. S. vi. 125.

172*a*. B. GRACILIS, var. UNCINATA, HINCKS, B. M. P. 86.

173. BUGULA HYADESI, JULLIEN, 'Cap Horn,' 71.

174. BUGULA JOHNSTONIÆ, GRAY; Busk, 'Challenger,' xxx. 42.
——— Pergens, Bull. Soc. R. M. Belg. xxii. sep. 5.
Halophila Johnstoniæ, Gray, B. M. C.
——— Gray, Dieffenbach, N. Z. ii. 292.
——— Busk, B. M. C. i. 43.

BUGULA JOHNSTONIÆ, Gray (*continued*)—
Non *Halophila Johnstoniæ*, Hutton, N. Z. Cat. 186.
Halophila Johnstoniæ, Smitt, F. B. i. 17.
Bicellaria flexilis, Busk, Voy. Ratt. i. 375.
Palythoa lugubris, Desm. et Les. Plate vi. fig. 5. [P.]

175. BUGULA LEONTODON, Busk, 'Challenger,' xxx. 39.

176. BUGULA LONGISSIMA, Busk, 'Challenger,' xxx. 42.

177. BUGULA MARGARITIFERA, Busk, 'Challenger,' xxx. 41.

Palythoa serrata, Desm. et Les. Plate vi. fig. 6, resembles this species, but has no sessile avicularia. See Pergens, Bull. Soc. R. M. Belg. xxii. sep. 5.

178. BUGULA MIRABILIS, Busk, 'Challenger,' xxx. 39.

179. BUGULA MULTISERIALIS, d'Orbigny.
Acamarchis multiserialis, d'Orb. Voy. Am. v. 4. 10.

180. BUGULA MURRAYANA, Johnston; Hks. B. M. P. 92.
——— Busk, B. M. C. i. 46.
——— Alder, T. T. F. C. sep. 59.
——— Busk, Jour. Lin. Soc. xv. 233.
——— Heller, Bry. Adr. 1867. 92.
——— Verrill, R. I. V. S. Extr. 417.
——— Verrill, Am. Jour. Sci. Art. 3. xviii. 52.
——— Verrill, Cont. Zool. Mus. Yale Coll. No. xliii.
——— Smitt, K. S. B. 1867. 291. (form 1.) fig. 19–24.
——— Vigelius, 'Wm. Barents,' 10.
——— Kirch. 'Pomerania,' 183.
——— Lorenz, 'Jan Mayen,' sep. 2.
——— Packard, Inv. Faun. Labr. i. 2. 274.
——— Busk, B. A. Rep. 1859. 145.
——— Gosse, Mar. Zool. ii. 15.
——— Levinsen, 'Kara-Havet,' 6.
Flustra Murrayana, Johnston, B. Z. ed. 2. 347.
——— Bean, m.s.
——— Landsb. B. Z. 350.
——— Sars, N. Mag. Nat. B.6. 149.
——— Dan. N. Mag. Nat. B.11. 47.
Flabellaria spiralis, Gray, B. M. C. i. 106.
Flustra hispida, Risso, Eur. Mér. v. 334. [S.]
Flustra foliacea, Fabricius, Faun. Grœnl. 436. [K.]
Avicella multispina, V. Ben. Bull. Ac. Brux. xv. part i. 76.
? *Sertularia spiralis*, Olivi, Zool. Adr. 291, 313.
? *Eschara hispida*, Pallas, Elenchus, 49.
Ornithoporina dilatata, d'Orb. P. F. T. C. 323.

180*a*. B. MURRAYANA, var. A. FLUSTROIDES, Levinsen, 'Kara-Havet,' 7.

180*b*. B. MURRAYANA, var. B. Levinsen, 'Kara-Havet,' 7.

180*c*. B. MURRAYANA, var. FRUTICOSA, Packard; Hks. B. M. P. 93.
——— Ridley, A. M. N. H. 1881. 445.
——— Vigelius, 'Wm. Barents,' 11.
Bugula Murrayana, form *quadridentata*, Smitt, K. S. B. 1867. 292. fig. 25–27.
Bugula fruticosa, Busk, Jour. Lin. Soc. xv. 233.
Menipea fruticosa, Packard, Inv. Faun. Labr. i. 2. 273.
——— Packard, Canad. Nat. viii. 409.
——— Packard, List Labr. M. A. 10.
Cellularia quadridentata, Lóven, m.s. 1834. [S.]

181. BUGULA NERITINA, Linn.; Oken, Lehr. Nat. Zool. 89.
——— Busk, B. M. C. i. 44.
——— Busk, 'Challenger,' xxx. 42.
——— Waters, A. M. N. H. 5. xx. 91.
——— Heller, Bry. Adr. 1867. 90.
——— MacGill. C. V. 17.
——— McCoy, P. Z. V. decade vi. 41.
——— Hutton, N. Z. Cat. 186.
——— (part) b. c. d. e. Gray, B. M. C. i. 114.
Acamarchis sp. Sav. Egypt. Plate xi. fig. 1.
——— Aud. Expl. 69.
Acamarchis neritina, Lamx. P. C. F. 135. (58.)
——— Lamx. Ency. méth. xiv. 2.
——— Lamx. Pol. Coral. 6.
——— Risso, Eur. Mér. v. 318.
——— Costa, Faun. Nap. Zooph. 13.
——— d'Orbigny, Ann. Sci. Nat. 1851. 313.
——— d'Orbigny, Voy. Am. v. 4, 10.
——— d'Orbigny, P. F. T. C. 324.
——— Blainv. D. S. N. lx. 423.
——— Blainv. M. d'A. 459. Plate lxxvii. fig. 3.
Cellularia neritina, Pallas, Elenchus, 67.
——— Fleming, B. A. 539.
——— Busk, A. M. N. H. 2. vii. Plate viii. fig. 5–7.
——— Landsb. B. Z. 341.
——— *var.* Johnston, B. Z. ed. 2. 340.
Cellaria neritina, Solander, Zooph. 22.
——— Lamk. An. s. V. ed. 1. ii. 140.
——— Lamk. An. s. V. ed. 2. ii. 190.
——— Ellis, Phil. Trans. abr. x. 345.

BUGULA NERITINA, Linn. (*continued*)—
Sertularia neritina, Esper, t. xiii. fig. 1, 2, 3.
——— Linn. Syst. Nat. ed. 10. sp. 38.
——— Linn. Syst. Nat. ed. 12. 1315.
——— Linn. Syst. Nat. ed. Gmel. 3859.
——— Chiaje, An. s. V. iv. 147.
——— Olivi, Zool. Adr. 290.
——— de Maumont, Seepolyp. Plate iii. fig. C.
Crisia neritina, Lamx. Bull. Soc. Phil. iii. 183.
Corallina cellifera, Ellis, N. H. C. Eng. ed. 35.
——— Ellis, N. H. C. Fr. ed. 50.
Snail-bearing Coralline, Ellis, N. H. C. 35.
Remarkable Coralline, Ellis, Phil. Trans. xlviii. 115.

182. BUGULA PLUMOSA, Pallas; Hks. B. M. P. 84.
——— Busk, B. M. C. i. 15.
——— Alder, T. T. F. C. v. sep. 20.
——— Heller, Bry. Adr. 1867. 91. (15.)
——— Grube, 'die Insel Lussin,' 67.
——— Kirch. 'Pomerania,' 183.
——— Vigelius, Bry. Oosterschelde. Supp. i. 546.
——— Gosse, Mar. Zool. ii. 15.
Cellularia plumosa, Pallas, Elenchus, 66.
——— Couch, Corn. Faun. iii. 128.
——— Maitland, Faun. Belg. 68.
——— Lansweert, Zooph. litt. Belge, iii. 117.
——— Bruguière, Ency. 442, 448.
——— Landsb. B. Z. 342.
Cellaria plumosa, Solander, Zooph. 21.
——— Lamk. An. s. V. ed. 1. ii. 140.
——— Lamk. An. s. V. ed. 2. ii. 190.
Acamarchis plumosa, Johnston, B. Z. ed. i. 294.
——— Hassall, A. M. N. H. 1. vi. 127.
——— Packard, Inv. Faun. Labr. i. 2. 273.
Bicellaria plumosa, Blainv. D. S. N. lx. 424.
Crisia plumosa, Lamx. Bull. Soc. Phil. 1812. 185.
——— Lamx. P. C. F. 143. (62.)
——— Lamx. Ency. méth. xiv. 226.
——— Westendorp, Pol. Flex. Belg. Extr. 19.
Crisularia plumosa, Gray, B. M. C. i. 111.
Sertularia fastigiata, Linn. Syst. Nat. ed. 10. 815.
——— Linn. Syst. Nat. ed. 12. 1314.
——— Linn. Syst. Nat. ed. Gmel. 3858.
——— Linn. Turton, iv. 684
——— Linn. Faun. Suec. ed. 2. 542.
——— Stewart, Elem. ii. 448.

BUGULA PLUMOSA, PALLAS (*continued*)—

Sertularia fastigiata, Fabr. Faun. Grœnl. 445.
——— Berk. Syn. i. 219.
Cellularia fastigiata, Flem. B. A. 539.
——— Blumenbach, Manuel, 273.
——— Leidy, 'Rhode Isld.' 2. iii. 142.
Crisia fastigiata, Temp. A. M. N. H. 1. ix. 468.
Bicellaria fastigiata, Blainv. D. S. N. lx. 423.
——— Blainv. M. d'A. 459.
Acamarchis fastigiata, d'Orbigny, P. F. T. C. 324.
Bugula fastigiata, Waters, A. M. N. H. 5. iii. 118.
——— Verrill, Am. Jour. Sci. Art. 3. xviii. 52.
——— Verrill, Cont. Zool. Mus. Yale Coll. No. xliii.
Corallina pumila, Raii, Syn. i. 37.
——— Ellis, Phil. Trans. abr. x. 346. Plate viii. fig. b. B. D.
Fucus minimus, Raii, Syn. 330.
Corallina cellifera, Ellis, N. H. C. Eng. ed. 33.
——— Ellis, N. H. C. Fr. ed. 48.
Soft-feathered coralline, Ellis, N. H. C. 43.
Zacht-gevederd korallijn, Ellis, bl. 45. No. 1. Plate xviii.
——— Uitgez. Verhandel. i. bl. 19. Plate 1. fig. 2. (uit Phil. Trans. xlviii. 115.)
Zacht-gevederd korall. Pallas, Plantd. bl. 81. No. 24. Plate iii. fig. 4.
Dons-karallijn, Houttuyn, xvii. bl. 582. No. 32.
——— Benn. en Oliv. xv. 2, bl. 196. No. 25.

182*a*. B. PLUMOSA, form APERTA, HINCKS, A. M. N. H. 5. xvii. 261.

183. BUGULA PRISMATICA, GRAY, Dieffenbach, N. Z. ii. 292.
Non ——— Hutton, N. Z. Cat. 186.

184. BUGULA PURPUROTINCTA, NORMAN, Q. J. M. S. n.s. viii. 219.
——— Hincks, B. M. P. 89.
Bugula fastigiata, Smitt, Öfv. Vet. Ak. Föhr. 1865. 23, 33.
——— Sars, N. Mag. Nat. B.12. 289.
——— Sars, Geol. Zool. Ing. 1863. 37.
——— Alder, T. T. F. C. sep. 59.
Bugula avicularia, form *fastigiata*, Smitt, K. S. B. 1867. 291. fig. 16–18.
Cellularia fastigiata, Dalyell, R. R. A. S. 236.
Cellularia plumosa, Johnston, B. Z. ed. 2. 341.
——— Sars, Reise Lof. Fin. 29. [H.]
Bugula plumosa, Smitt, Bidr. Känn. Bry. Utv. 1863. sep. 28.

185. BUGULA RETICULATA, BUSK, 'Challenger,' xxx. 40.

185*a*. B. RETICULATA, var. UNICORNIS, BUSK, 'Challenge xxx. 40.

186. BUGULA ROBUSTA, MacGillivray, Descr. new Pol. 1868. 4.
——— MacGill. Tr. Roy. Soc. Vic. 2. ix. 129.
——— MacGill. C. V. 17.
——— McCoy, P. Z. V. decade viii. 29.

187. BUGULA SERRATA, Lamarck, nominavit.
Cellaria serrata, Lamk. An. s. V. ed. 1. ii. 137.
Bugula cucullata, Busk, descr. et. fig. Q. J. M. S. n.s. vii. 241.
——— McCoy, P. Z. V. decade viii. 29.
——— MacGill. C. V. 16.

188. BUGULA SIMPLEX, Hincks, A. M. N. H. 5. xvii. 262.

189. BUGULA SINUOSA, Busk, 'Challenger,' xxx. 39.

190. BUGULA SMITTII, Sars.

191. BUGULA SPICATA, Hincks, A. M. N. H. 5. xvii. 262.

192. BUGULA TURBINATA, Alder, Q. J. M. S. v. 174.
——— Norman, Q. J. M. S. viii. 219.
——— Hincks, B. M. P. 77.
——— Hincks, A. M. N. H. sep. 37.
Cellularia avicularia, Gosse, Dev. Coast, 195.
Bird's head coralline, Ellis, N. H. C. 36. Plate xxxviii. fig. G. H.

193. BUGULA TURRITA, Desor; Verrill, R. I. V. S. Extr. 418.
——— Verrill, Pr. Ac. N. S. Philad. 304. (1878.)
——— Verrill, Am. Jour. Sci. Art. 3, xviii. 52.
——— Verrill, Cont. Zool. Mus. Yale Coll. No. xliii.
Cellularia turrita, Desor, Proc. Bos. Soc. N. H. iii. 66.
——— Perkins, Proc. Bos. Soc. N. H. xii. 161.

Verrill unites the *Cellularia fastigiata* of Leidy with the *Cellularia turrita* of Desor, but Leidy says that his species is Blumenbach's. Couch considers that Blumenbach's is the *Acamarchis plumosa* of Johnston.

194. BUGULA UNISERIALIS, Hincks, A. M. N. H. 5. xiii. 367.

195. BUGULA VERSICOLOR, Busk, 'Challenger,' xxx. 38.

196. BUGULELLA CLAVATA, Hincks, Jour. Lin. Soc. xxi. 122.

197. BUGULELLA FRAGILIS, Verrill, Am. Jour. Sci. xvii. 472.

198. BUSKIA AUSTRALIS, Jullien, 'Cap Horn,' 22.

199. BUSKIA NITENS, Alder, T. T. F. C. sep. 66.
——— Alder, Q. J. M. S. v. 24.
——— Hincks, B. M. P. 532.

200. BUSKIA SETIGERA, Hincks, Jour. Lin. Soc. xxi. 127.

201. BUSKIA SOCIALIS, Hincks, A. M. N. H. 5. xix. 310.

202. CABEREA BORYI, AUDOUIN; Hks. B. M. P. 61.
——— Hincks, A. M. N. H. 1855. sep. 3.
——— Norman, Q. J. M. S. n.s. viii. 217.
——— Peach, Jour. Roy. Inst. Cornw. xviii. sep. 1.
——— Heller, Bry. Adr. 1867. 89. (13.)
——— Busk, J. R. M. S. viii. 281.
——— Pergens, Bry. Nord-ouest Méd. sep. 7.
? ——— Waters, A. M. N. H. 5. xx. 89.
? ——— Waters, 'Gambier,' 261.
Crisia Boryi, Sav. Zool. Egypt. Plate xii. fig. 4.
——— Audouin, Expl. 73.
Canda Boryi, d'Orbigny, P. F. T. C. 331.
Cellularia Hookeri, Fleming, B. A. 539.
Caberea Hookeri, Peach, Jour. Roy. Inst. Cornw. xviii. sep. 1.

203. CABEREA CRASSIMARGINATA, BUSK, 'Challenger,' xxx. 28.

204. CABEREA DARWINII, BUSK, 'Challenger,' xxx. 29.
——— MacGill. Descr. new Pol. ix. 2.
——— MacGill. C. V. 14.
——— McCoy, P. Z. V. decade xiv. 141.
Caberea zelanica, Busk, Voy. Ratt. i. 378.
——— Busk, B. M. C. i. Plate xvi. fig. 4, 5.
Caberea patagonica, Busk, B. M. C. i. 38. Plate xxxviii.
Caberea Boryi, Busk, B. M. C. i. 38.
——— Busk, 'Kerguelen,' sep. 2.
? ——— Jullien, 'Cap Horn,' 75.

205. CABEREA DICHOTOMA, LAMOUROUX, P. C. F. 130.
——— Lamx. Expos. méth. 5.
——— Lamx. Ency. méth. xiv. 162.
——— Blainv. M. d'A. 457.
——— d'Orbigny, P. F. T. C. 333.

206. CABEREA ELLISII, FLEMING; Hks. B. M. P. 59.
——— Hincks, A. M. N. H. 3. ix. sep. 26.
——— Norman, Q. J. M. S. n.s. viii. 217.
——— Smitt, K. S. B. 1867. 287.
——— Kirch. 'Pomerania,' 182.
Caberea Hookeri, Hincks, A. M. N. H. 3. ix. 26.
——— Busk, B. M. C. i. 39.
——— Busk, B. A. Rep. 1859. 144.
——— Busk, Norway dredg. 1855. App. ii. 1.
——— Gosse, Mar. Zool. ii. 14.
——— Packard, Inv. Faun. Labr. i. 2. 273.
——— Packard, List Labr. M. A. 9.
Caberea Ellisii, Verrill, R. I. V. S. Extr. 417.

CABEREA ELLISII, Fleming (*continued*)—
Bicellaria Hookeri, Blainv. D. S. N. lx. 424.
——— Blainv. M. d'A. 460.
Cellularia Hookeri, Johnson, B. Z. ed. 2. 338.
——— Landsb. B. Z. 340.
Flustra Ellisii, Flem. Wern. Mem. ii. 251.
Flustra setacea, Flem. B. A. 536.
——— Johnston, B. Z. ed. 2. 346.
——— Landsb. B. Z. 350.
——— Blainv. D. S. N. lx. 415.
——— Blainv. M. d'A. 451.
——— Sars, N. Mag. Nat. B.6. 149.
——— Sars, N. Mag. Nat. B.7. 386.
——— Dan. N. Mag. Nat. B.11. 47.
Flabellaria setacea, Gray, B. M. C. i. 106.
Canda arachnoidea, Gray, B. M. C. i. 113.

207. CABEREA GLABRA, MacGillivray, Descr. new Pol. ix. 2.
——— MacGill. C. V. 14.
——— McCoy, P. Z. V. decade xiv. 142.

208. CABEREA LATA, Busk, B. M. C. i. 39.
——— Busk, Voy. Ratt. i. 378.
——— Busk, 'Challenger,' xxx. 30.
Non ——— Hutton, N. Z. Cat. 185.
Caberea lata, Etheridge, Synop. Aus. tert. Pol. 7.

209. CABEREA LIGATA, Jullien, 'Travailleur,' 22.

210. CABEREA LYALLII, Busk, 'Challenger,' xxx. 29.
Selbia zelanica, Gray, Dieffenbach, N. Z. ii. 292.
Caberea Boryi, Hutton, N. Z. Cat. 185.

211. CABEREA MINIMA, Busk, 'Challenger,' xxx. 30.

212. CABEREA PATAGONICA, d'Orbigny.
Canda patagonica, d'Orb. Voy. Am. 9.
——— d'Orb. P. F. T. C. 331.

213. CABEREA PINNATA, Lamouroux, P. C. F. 130.
——— Lamx. Ency. méth. xiv. 162.
——— Blainv. M. d'A. 457.
——— d'Orbigny, P. F. T. C. 333.
Cellaria pectinata, Lamk. An. s. V. ii. 138. [Bl.]

214. CABEREA RETIFORMIS, Pourtales; Smitt, F. B. i. 15.
Canda retiformis, Pourt. Bull. Mus. Zool. Camb. U.S. 110.

215. CABEREA ROSTRATA, Busk, 'Challenger,' xxx. 28.
? *Selbia zelanica*, Gray, Dieffenbach, N. Z. ii. 292. [B.]
Caberea rostrata, Waters, A. M. N. H. 5. xx. 90.

216. CABEREA RUDIS, Busk, B. M. C. i. 38.
——— Busk, Voy. Ratt. i. 377.
——— Busk, 'Challenger,' xxx. 30.
——— McCoy, P. Z. V. decade xiv. 137.
——— MacGill. C. V. 14.

217. CABEREA TEXTA, Lamarck; d'Orb. P. F. T. C. 333.
Cellaria texta, Lamk. An. s. V. ed. 1. ii. 141.
——— Lamk. An. s. V. ed. 2. ii. 192.
Caberea grandis, Hincks, A. M. N. H. 5. viii. 50. [P.]
——— Hincks, Lit. Phil. Soc. Liver. 1881. sep. 4.
——— Waters, A. M. N. H. 5. xx. 90.
——— Waters, 'Gambier,' 261.
——— Waters, 'Bairnsdale,' 504.
——— McCoy, P. Z. V. decade xiv. 137.
——— MacGill. C. V. 14.
Caberea rudis, Waters, 'Curdies Creek,' 322.

218. CALPIDIUM ORNATUM, Busk, B. M. C. i. 15.
——— Busk, Voy. Ratt. i. 364.
——— McCoy, P. Z. V. decade xi. 33.
——— MacGill. C. V. 12.

219. CALPIDIUM PONDEROSUM, Goldstein; MacGill. C.V. 12.
——— MacCoy, P. Z. V. decade xi. 31.
Catenicella ponderosa, Goldst. Jour. Mic. Soc. Vic. 1880. 63.
Eunicea costata, Desm. et Les. Plate iv. fig. 1. [P.]
? *Calpidium ponderosum*, Perg. Bull. Soc. R. M. Belg. xxii. sep. 5.

220. CALWELLIA BICORNIS, Wyv. Th. Nat. Hist. Rev. 1858. i. 91.
——— Wyv. Th. Q. J. M. S. vii. 151.
——— Wyv. Th. Zool. Bot. Soc. Proc. 1.
——— Hutton, N. Z. Cat. 189.
——— McCoy, P. Z. V. decade v. 35.
——— MacGill. C. V. 13.

221. CALWELLIA GRACILIS, Maplestone, described at the Mic. Soc. Vic. some years ago, but the paper has not been published.
——— MacGill. Descr. new Pol. ix. 1.
——— MacGill. C. V. 13.

222. CALWELLIA SERRULATA, Busk; Waters, 'Challenger,' lxxix. 18
Siphonicytara serrulata, Busk, 'Challenger,' xxx. 101.

223. CALWELLIA SINCLAIRII, Busk; Waters, 'Challenger,' lxxix. 17.

CALWELLIA SINCLAIRII, Busk (*continued*)—
Onchopora Sinclairii, Busk, 'Challenger,' xxx. 103.
——— Busk, Q. J. M. S. v. 172.
——— Busk, 'Kerguelen,' sep. 1.
Malakosaria pholaramphos, Goldst. Proc. Roy. Soc. Vic. 1881. 5.

224. CANDA ARACHNOIDES, Lamx. P. C. F. 132.
——— Lamx. Expos. méth. 5.
——— Lamx. Ency. méth. xiv. 164.
——— Blainv. M. d'A. 457.
——— Busk, B. M. C. i. 26.
——— Busk, Voy. Ratt. i. 371.
——— Busk, 'Challenger,' xxx. 25.
——— Waters, A. M. N. H. 5. xx. 89.
——— McCoy, P. Z. V. decade xiv. 138.
——— MacGill. C. V. 14.
——— d'Orbigny, P. F. T. C. 331.
Cellaria filifera, Lamk. An. s. V. ed. 1. ii. 136.
——— Lamk. An. s. V. ed. 2. ii. 177.
? *Acamarchis Joloixii*, Sav. Zool. Egypt. Plate xi. fig. 2.

225. CANDA INDICA, d'Orbigny, P. F. T. C. 332.

226. CANDA SIMPLEX, Busk, 'Challenger,' xxx. 26.

227. CANDA TENUIS, MacGillivray, Descr. new Pol. viii. 2.
——— MacGill. C. V. 14.
——— McCoy, P. Z. V. decade xiv. 139.

228. CATENARIA ATTENUATA, Busk, 'Challenger,' xxx. 14.

229. CATENARIA BICORNIS, Busk, 'Challenger,' xxx. 14.
——— Waters, 'Challenger,' lxxix. 9.

230. CATENARIA CONTII, Audouin.
Eucratea Contii, Sav. Zool. Egypt. Plate xiii. fig. 1.
——— Audouin, Expl. i. 242.
Catenicella Contii, d'Orbigny, P. F. T. C. 44.
Catenicella Savignyi, Blainv. M. d'A. 462.

231. CATENARIA DIAPHANA, Busk, 'Challenger,' xxx. 14.
Scruparia diaphana, Busk, Q. J. M. S. viii. 281.

232. CATENARIA PARASITICA, Busk.
Alysidium parasiticum, Busk, B. M. C. i. 14.

233. CATENICELLA ALATA, Wyv. Th. Dub Nat. Hist. Rev. 1858.
——— Wyv. Th. Zool. Bot. Assoc. Dub. 1859. i. 80.
——— Wyv. Th. Q. J. M. S. 1859. 143.

CATENICELLA ALATA, Wyv. Th. (*continued*)—
——— Waters, A. M. N. H. 5. xx. 86.
——— Waters, 'Curdies Creek,' 317.
——— Waters, 'Gambier,' 260.
——— Waters, 'Muddy Creek,' 428.
——— McCoy, P. Z. V. decade iii. 21.
——— MacGill. C. V. 11.
——— Pergens, Bull. Soc. R. M. Belg. xxii. sep. 5.
Eunicea alata, Desm. et Les. Plate v. fig. 5. [P.]

233*a*. C. ALATA, var. GEMELLA, MacGill.; Waters, A. M. N. H. 5. xx. 86.
Catenicella gemella, MacGillivray, Descr. new Pol. xi. 1.
——— MacGill. Tr. Roy. Soc. Vic. 1886.
——— MacGill. C. V. 11.
——— McCoy, P. Z. V. decade xv. 173.

234. CATENICELLA AMPHORA, Busk, B. M. C. i. 8.
——— Busk, Voy. Ratt. i. 356.
——— McCoy, P. Z. V. decade ix. 29.
——— MacGill. C. V. 11.

235. CATENICELLA BUSKII, Wyv. Th. Dub. Nat. Hist. Rev. 1858.
——— Wyv. Th. Proc. Dub. U. Zool. Bot. Assoc. 1859. i. 83.
——— Wyv. Th. Q. J. M. S. 1859.
——— Waters, A. M. N. H. 5. xx. 87.
——— McCoy, P. Z. V. decade iii. 24.
——— MacGill. C. V. 11.
Catenicella elegans, var. *Buskii*, Wyv. Th.; Waters, 'Curdies Creek,' 317.
——— Waters, 'Muddy Creek,' 430.

Waters makes this species to be the same as *Catenicella fusca* of MacGillivray. See An. Mag. Nat Hist. 5. xx. 87.

236. CATENICELLA CARINATA, Busk, B. M. C. i. 12.
——— Busk, Voy. Ratt. i. 363.
——— McCoy, P. Z. V. decade iii. 25.
——— MacGill. C. V. 12.
——— Hutton, N. Z. Cat. 182.
——— Pergens, Bull. Soc. R. M. Belg. xxii. sep. 5.
Eunicea calcitrapa, Desm. et. Les. Plate iv. fig. 2.
? *Catenicella carinata*, d'Orbigny, P. F. T. C. 44.

237. CATENICELLA CASTANEA, Wyv. Th. Proc. Dub. U. Zool. Bot. Assoc. i. 82.
——— Wyv. Th. Nat. Hist. Rev. 1858. 6.

238. CATENICELLA CONSTRICTA, Goldstein.

239. CATENICELLA CORNUTA, Busk, B. M. C. i. 11.
——— Busk, Voy. Ratt. i. 361.
——— McCoy, P. Z. V. decade iii. 27.
——— McCoy, P. Z. V. decade ix. 34.
——— MacGill. C. V. 11.
——— Hutton, N. Z. Cat. 181.

240. CATENICELLA CRIBRARIA, Busk, B. M. C. i. 9.
——— Busk, Voy. Ratt. i. 359.
——— Busk, 'Challenger,' xxx. 11.
——— McCoy, P. Z. V. decade iii. 20.
——— MacGill. C. V. 11.
——— Hutton, N. Z. Cat. 180.

241. CATENICELLA CRYSTALLINA, Wyv. Th. Nat. Hist. Rev.
——— Wyv. Th. Proc. Dub. U. Zool. Bot. Assoc. i. 83. [1858.
——— McCoy, P. Z. V. decade iii. 25.
——— MacGill. C. V. 12.

242. CATENICELLA DAWSONI, Wyv. Th. Proc. Dub. U. Zool. Bot. Assoc. i. 82.
——— Wyv. Th. Q. J. M. S. 1859.
——— MacGill. C. V. 11.

243. CATENICELLA DELICATULA, J. B. Wilson, Tr. Mic. Soc. Vic. 1880.
——— MacGill. C. V. 12.
——— Waters, A. M. N. H. 5. xx. 87.
Catenicellopsis delicatula, McCoy, P. Z. V. decade xi. 30.
——— J. B. Wilson, Jour. Mic. Soc. Vic. 1880. 65.

244. CATENICELLA ELEGANS, Busk, B. M. C. i. 10.
——— Busk, Voy. Ratt. i. 361.
——— Busk, Q. J. M. S. viii. 280.
——— Busk, 'Challenger,' xxx. 12.
——— McCoy, P. Z. V. iii. 23.
——— Hutton, N. Z. Cat. 181.
——— Pergens, Bull. Soc. R. M. Belg. xxii. sep. 5.
——— MacGill. C. V. 11.
Eunicea gracilis, Desm. et Les. Plate v. fig. 3. [P.]

245. CATENICELLA FORMOSA, Busk, B. M. C. i. 9.
——— Busk, Voy. Ratt. i. 360.
——— McCoy, P. Z. V. decade iii. 22.
——— MacGill. C. V. 11.

246. CATENICELLA FUSCA, MacGillivray, C. V. 11.
——— McCoy, P. Z. V. decade ix. 33.

247. CATENICELLA GIBBOSA, Busk, B. M. C. i. 12.
——— Busk, Voy. Ratt. i. 360.

248. CATENICELLA GRACILENTA, MacGillivray, Descr. new Pol. viii. 1.
——— MacGill. C. V. 11.
——— McCoy, P. Z. V. decade xv. 174.

249. CATENICELLA HANNAFORDI, MacGillivray, Descr. new Pol. 1868. 2.
——— MacGill. Tr. Roy. Soc. Vic. 1868.
——— MacGill. C. V. 11.
——— McCoy, P. Z. V. decade iii. 24.

250. CATENICELLA HARVEYI, Wyv. Th. Nat. Hist. Rev. 1858.
——— Wyv. Th. Proc. Dub. U. Zool. Bot. Assoc. i. 81. [sep. 5.
——— Wyv. Th. Q. J. M. S. 1859.
——— Waters, 'Muddy Creek,' 431.

251. CATENICELLA HASTATA, Busk, B. M. C. i. 7.
——— Busk, Voy. Ratt. i. 355.
——— Busk, 'Challenger,' xxx. 10.
——— McCoy, P. Z. V. decade iii. 19.
——— MacGill. C. V. 11.
——— Hutton, N. Z. Cat. 180.
——— Waters, 'Muddy Creek,' 431.
? *Catenicella bicuspis*, Gray, Dieffenbach, N. Z. 293.

252. CATENICELLA HYALÆA, Lamx.; d'Orb. P. F. T. C. 44.
Menipea hyalæa, Lamx. P. C. F. 146.
——— Lamx. Ency. méth. xiv. 515.
——— Blainv. M. d'A. 463.
——— Penny Cyclo. vi. 405.

253. CATENICELLA INFLATA, Goldstein.

254. CATENICELLA INTERMEDIA, MacGillivray, Descr. new Pol. 1868. 2.
——— MacGill. C. V. 11.
——— McCoy, P. Z. V. decade iii. 27.
——— McCoy, P. Z. V. decade ix. 29.

255. CATENICELLA LORICA, Busk, B. M. C. i. 6.
——— Busk, Voy. Ratt. i. 358.
——— McCoy, P. Z. V. decade iii. 21.
——— MacGill. C. V. 11.
——— Pergens, Bull. Soc. R. M. Belg. xxii. sep. 5.
Eunicea miliacea, Desm. et Les. Plate iv. fig. 4. [P.]

256. CATENICELLA MACCOYI, Goldstein.

257. CATENICELLA MARGARITACEA, Busk, B. M. C. i. 9.
——— Busk, Voy. Ratt. i. 356.
——— Hutton, N. Z. Cat. 180.
——— McCoy, P. Z. V. decade iii. 15.

CATENICELLA MARGARITACEA, Busk (*continued*)—
——— MacGill. C. V. 11.
? *Cellaria vesiculosa*, Lamk. An. s. V. ii. 190.
? *Catenicella vesiculosa*, d'Orbigny, P. F. T. C. 44.

258. CATENICELLA MONSTROSA, Goldstein.

259. CATENICELLA PERFORATA, Busk, B. M. C. i. 10.
——— Wyv. Th. Nat. Hist. Rev. 1858. 8.
——— Wyv. Th. Dub. U. Zool. Bot. Assoc. i. 84.
——— Wyv. Th. Q. J. M. S. 1859.
——— McCoy, P. Z. V. decade iii. 23.
——— MacGill. C. V. 11.
——— Hutton, N. Z. Cat. 181.

260. CATENICELLA PERPLEXA, Goldstein.

261. CATENICELLA PLAGIOSTOMA, Busk, B. M. C. i. 8.
——— Busk, Voy. Ratt. i. 358.
——— Busk, 'Challenger,' xxx. 11.
——— McCoy, P. Z. V. decade iii. 17.
——— MacGill. C. V. 11.
——— Pergens, Bull. Soc. R. M. Belg. xxii. sep. 5.
Eunicea magnispinosa, Desm. et Les. Plate v. fig. 2. [P.]
Catenicella plagiostoma, var. *α. lævis*, McCoy, P.Z.V. decade iii. 17.

261*a*. C. PLAGIOSTOMA, var. *β.* SETIGERA, McCoy, P. Z. V. decade iii. 17.
Catenicella plagiostoma, var. *setosa*, MacGill. C. V. 11.
Eunicea rugosa, Desm. et Les. Plate iv. fig. 3. [P.]
Catenicella plagiostoma, Pergens, Bull. Soc. R. M. Belg. xxii. sep. 5.

262. CATENICELLA PULCHELLA, Maplestone, Jour. Mic. Soc. Vic. 1880. 64.
——— McCoy, P. Z. V. decade ix. 31.
——— MacGill. C. V. 11.
——— Busk, 'Challenger,' xxx. 13.
Catenicella concinna, MacGill. Tr. Roy. Soc. Vic. 1880. sep. 1.

263. CATENICELLA PUSILLA, J. B. Wilson, Jour. Mic. Soc. Vic. 1880. 64.
Catenicellopsis pusilla, McCoy, P. Z. V. decade xi. 29.
——— MacGill. C. V. 12.

264. CATENICELLA RINGENS, Busk, B. M. C. i. 10.
——— MacGill. C. V. 11.
——— Hutton, N. Z. Cat. 181.
——— Pergens, Bull. Soc. R. M. Belg. xxii. sep. 5.
Eunicea biemarginata, Desm. et Les. Plate v. fig. 4. [P.]
'Au manuscrit de Paris, le mot "*biemarginata*" est rayé au crayon et remplacé par "*auriculata*."'—Pergens.

265. CATENICELLA RUFA, MacGillivray, Descr. new Pol. 1868. 1.
——— MacGill. Tr. Roy. Soc. Vic. 1868.
——— MacGill. C. V. 11.
——— McCoy, P. Z. V. decade iii. 19.

266. CATENICELLA SACCULATA, Busk, 'Challenger,' xxx. 12.

267. CATENICELLA SCUTELLA, Hutton, N. Z. Cat. 181.
Catenicella alata, Hutton non. Wyv. Th. C. M. M. 89.

268. CATENICELLA TAURINA, Busk, B. M. C. i. 12.
——— Waters, 'Muddy Creek,' 431.

269. CATENICELLA UMBONATA, Busk, B. M. C. i. 11.
——— Busk, Voy. Ratt. i. 362.
——— McCoy, P. Z. V. decade ix. 33.
——— MacGill. C. V. 12.

269*a*. C. UMBONATA, var. Busk, 'Challenger,' xxx. 13.

270. CATENICELLA URNULA, MacGillivray, Descr. new Pol.
——— MacGill. Tr. Roy. Soc. Vic. 1886. [x. 1.
——— MacGill. C. V. ii.
——— McCoy, P. Z. V. decade xv. 174.

271. CATENICELLA UTRICULUS, MacGillivray; McCoy, P. Z. V. decade ix. 32.
——— MacGill. C. V. 12.

272. CATENICELLA VENTRICOSA, Busk, B. M. C. i. 7.
——— Busk, Voy. Ratt. i. 357.
——— Waters, A. M. N. H. 5. xx. 86.
——— Waters, 'Muddy Creek,' 431.
——— McCoy, P. Z. V. decade iii. 18.
——— MacGill. C. V. 11.
——— Hutton, N. Z. Cat. 180.
——— Pergens, Bull. Soc. R. M. Belg. xxii. sep. 5.
Eunicea emarginata, Desm. et. Les. Plate iv. fig. 6. [P.]

272*a*. C. VENTRICOSA, var. MACULATA, Busk, B. M. C. i. 7.
——— Busk, 'Challenger,' xxx. 10.
Cellaria catenulata, Lamk. An. s. V. ed. 1. ii. 136.
——— Lamk. An. s. V. ed. 2. ii. 180.
Catenicella catenulata, d'Orbigny, P. F. T. C. 44.

273. CATENICELLA VENUSTA, MacGillivray, Descr. new Pol. x. i.
——— MacGill. Tr. Roy. Soc. Vic. 1886.
——— MacGill. C. V. 11.
——— McCoy, P. Z. V. decade xv. 175.

274. CATENICELLA WILSONI, MacGillivray, Tr. Roy. Soc. Vic. sep. 2.
——— MacGill. C. V. 2.
——— McCoy, P. Z. V. decade ix. 30.

For critical notes on this group, see Waters in the An. and Mag. Nat. Hist. for August 1887. series 5. vol. xx.

275. CELLARIA AUSTRALIS, Hincks; MacGill. Descr. new Pol. vii. 2.
——— MacGill. Tr. Roy. Soc. Vic. xxi. 93.
——— MacGill. C. V. 15.
——— Waters, 'Challenger,' lxxix. 16.
Cellaria fistulosa, MacGill.; McCoy, P. Z. V. decade v. 47.
Cellaria fistulosa, var. *australis*, Hincks, A. M. N. H. 5. xiii. 368.
Salicornaria clavata, Busk, 'Challenger,' xxx. 88.

276. CELLARIA BOREALIS, Busk; Hincks, A. M. N. H. 1882.
——— Hincks, P. Q. C. I. 6.
——— Smitt, K. S. B. 1867. 361.
Salicornaria borealis, Busk, Q. J. M. S. iii. 254.
Onchopora borealis, Busk, Q. J. M. S. viii. 213.
——— Kirch. 'Pomerania,' 180.
Cellularia articulata, Fabr. Vid. Selsk. phys. Skr. 1821. 27.
Isis hippuris, Fabr. Grœnl. Faun. 427.

277. CELLARIA CANDEANA, d'Orbigny, P. F. T. C. 28.

278. CELLARIA DIVARICATA, Busk.
Salicornaria divaricata, Busk, 'Challenger,' xxx. 90.

279. CELLARIA DUBIA, Busk.
Salicornaria dubia, Busk, 'Challenger,' xxx. 91.
Salicornaria tenuirostris, Busk, 'Challenger,' xxx. Plate xii. fig. 2.

280. CELLARIA FILIFORMIS, Lamx. P. C. F. 128.
——— Lamx. Ency. méth. 179.
——— Bruguière, Ency. 446.
Cellularia filiformis, Pallas, Elenchus, 63.
Cellaria filiformis, Blainv. M. d'A. 455.
Sertularia filiformis, Linn. Syst. Nat. ed. Gmel. 3862.

281. CELLARIA FISTULOSA, Linn.; Hincks, B. M. P. 106.
——— S. Wood, A. M. N. H. xiii. 17.
——— Waters, A. M. N. H. 5. iii. 118.
——— Waters, 'Curdies Creek,' 319.
——— Waters, 'Gambier,' 260.
——— Pergens, Bry. Nord-ouest Méd. 7.
——— Pergens, Bry. mioc. Russ. Mérid. 3.
——— Pergens, 'Rhodes,' 12.

CELLARIA FISTULOSA, Linn. (*continued*)—
——— Fischer, Bry. Sud-ouest France, 15.
——— Smitt, K. S. B. 1867. 362.
Eschara fistulosa, Linn. Syst. Nat. ed. 10. 804.
Flustra fistulosa, Linn. Faun. Suec. ii. 2234.
——— Linn. Faun. Suec. ed. 2. 539.
Tubularia fistulosa, Linn. Syst. Nat. ed. 12. 1302.
——— Olivi, Zool. Adr. 276.
——— Berk. Syn. i. 214.
——— Stewart, Elem. ii. 438.
——— Linn. Syst. Nat. ed. Gmel. 3831.
——— Linn. Turton, iv. 666.
Salicornaria fistulosa, Temp. Lon. Mag. Nat. Hist. ix. 469.
Farcimia fistulosa, Flem. B. A. 534.
——— Johnst. Trans. N. H. Soc. Newc. ii. 266.
Corallina fistulosa, Raii, Hist. plant. i. 65, 66.
——— Petiver, Plant. Ital. Plate ii. fig. 9.
——— Tournefort, Inst. 570.
——— Plukenet, Phytog. Plate xxvi. fig. 2.
Corallina fistulosa crassior, Bauh. Hist. plant. iii. 811.
——— *β. subtilior*, Bauh. Hist. plant. iii. 811.
Salicornaria farciminoides, Hincks, A. M. N. H. 3. ix. 22.
——— Gosse, Mar. Zool. ii. 10.
——— Alder, T. T. F. C. iii. 152. sep. 62.
——— Alder and Busk, Q. J. M. S. v. 249.
——— Johnston, B. Z. ed. 2. 355.
——— Landsb. B. Z. 362.
——— Busk, B. M. C. i. 16.
——— Gray, B. M. C. i. 131.
——— Maitland, Faun. Belg. 63.
——— Heller, Bry. Adr. 1867. 85.
Non ——— Hutton, N. Z. Cat. 184.
Salicornaria farciminoides, Sars, N. Mag. Nat. vii. 386.
——— Stoliczka, 'Orakei Bay,' 146.
——— Gottardi, Bri. foss. Mont. Magg. 301.
——— Seguenza, Form. terz. Reggio, 79, 127, 196, 294, 327, 367.
——— Reuss, Bri. foss. mioc. d'Aust. i. 143. sep. 3.
——— Reuss, 'Oberoligocän,' ii. 16.
——— Manzoni, 'Castrocaro,' 4.
——— Manzoni, 'Rhodes,' 61.
——— Waters, 'Bruccoli,' sep. 2.
Cellaria farciminoides, Solander, Zooph. 26.
Cellaria salicornia, Bosc, Vers, iii. 108.
——— Lamk. An. s. V. ed. 1. ii. 135.
——— Lamk. An. s. V. ed. 2. ii. 176.
——— Lamx. Bull. Soc. Phil. 1812. iii. 185.

CELLARIA FISTULOSA, Linn. (*continued*)—

Cellaria salicornia, Lamx. Pol. Corall. 55.
——— Lamx. P. C. F. 126. (55.)
——— Lamx. Expos. méth. 5.
——— Lamx. Ency. méth. xiv. 178.
——— Blainv. M. d'A. 455.
——— Costa, Faun. Nap. 7.
——— Risso, Eur. Mér. v. 317.
——— Esper, Plate ii. fig. 4.
——— Westendorp, Pol. Flex. Belg. Extr. 15.
——— d'Orbigny, P. F. T. C. 28.
Cellularia salicornia, Pallas, Elenchus, 61.
——— Bruguière, Ency. 445.
Farcimia salicornia, Johnston, B. Z. ed. 1. 295.
——— Couch, Corn. Faun. iii. 129.
——— Hassall, A. M. N. H. 1. vi. 172.
——— Hyndman, A. M. N. H. x. 20.
——— Couch, Zooph. Cornw. 58.
Salicornaria salicornia, Cuv. Règne An. ed. 1. iv. 75.
Salicornaires, Cuvier, Règne An. iii. 303.
Salicornaria dichotoma, Schweigger, Handb. 428.
Salicornaria marginata, Reuss, 'Oberoligocän,' ii. 16.
——— Stoliczka, 'Orakei Bay,' 150.
Salicornaria rhombifera, Reuss, 'Oberoligocän,' ii. 15. Plate xiv. fig. 7–10.
——— Schreiber, Bry. Grünsand, 475.
Salicornaria crassa, S. Wood, A. M. N. H. xiii. 7.
——— Busk, Crag Pol. 22.
Cellaria marginata, Reuss, Wien. tert. 59. Plate vii. fig. 28, 29.
Cellaria affinis, Reuss, Sitz. Ak. Wiss. xviii. 259.
——— Reuss, Beit. nörd. mittl. Deutschl. 65.
——— Rss.; Römer, Pol. nord.-deut. 5.
Glauconome marginata, Münst. in Goldf. Petr. Germ. i. 100. Plate xxxvi. fig. 5.
Glauconome rhombifera, Münst. in Goldf. Petr. Germ. i. 100. Plate iii. fig. 6.
Vincularia submarginata, d'Orbigny, P. F. T. C. 60.
Vincularia Reussi, d'Orbigny, P. F. T. C. 60.
Vincularia marginata, Römer, Pol. nord.-deut. 5.
——— Römer, in Dunker's Palæon. ix. 203.
Vincularia rhombifera, Römer, Pol. nord.-deut. 6.
——— Römer, in Dunker's Palæon. ix. 204.
Corallina articulata, Ellis, N. H. C. Eng. ed. 46.
——— Ellis, N. H. C. Fr. ed. 60.
——— de Maumont, Seepolyp. Plate iv.
Muscus corallinus, Boccone, Mus. 255.

CELLARIA FISTULOSA, Linn. (*continued*)—
Muscus polygonoides, Barrelieri, Plant. 1275. No. 7 et 8.
Zenegroen Korallijn, Pallas, Naam. Plantd. v. d. Bod. 76.
——— Ellis, Koraalg. bl. 56. no. 1. Plate xxiii. fig. a. A–C.
Gearticuleerd pijpgewas, Houttuyn, xvii. bl. 489. No. 3.
Geleed pijpkoraal, Benn. en Oliv. xv. 2. bl. 176. No. 3.
Bugle Coralline, Ellis, N. H. C. 46.

282. CELLARIA GRACILIS, Busk; McCoy, P. Z. V. decade v. 50.
——— MacGill. C. V. 15.
——— Waters, A. M. N. H. 5. xx. 92.
Salicornaria gracilis, Busk, B. M. C. i. 17.
——— Busk, 'Challenger,' xxx. 93.
——— Etheridge, Synopsis Aus. tert. pol. 6.
Salicornaria punctata, Busk, Voy. Ratt. i. 366.

283. CELLARIA GRACILIS, Costa.
Salicornaria gracilis, Costa.
——— Costa, alluded to by Bk. 'Challenger,' xxx. 86.

284. CELLARIA MAGNIFICA, Busk.
Salicornaria magnifica, Busk, 'Challenger,' xxx. 93.

285. CELLARIA MALVINENSIS, Busk; Waters, 'Curdies Creek,' 321.
——— Waters, 'Gambier,' 260.
——— Waters, 'Bairnsdale,' 503.
——— Waters, 'Muddy Creek,' 433.
——— Waters, 'Aldinga,' 285.
——— Waters, Tert. Bry. N. Z. 45.
Salicornaria malvinensis, Busk, B. M. C. i. 18.
——— Busk, 'Challenger,' xxx. 91.
——— Busk, 'Kerguelen,' sep. 1.
——— Hutton, N. Z. Cat. 184.
Salicornaria megastoma, Busk, 'Challenger,' xxx. 92.
——— Busk, 'Challenger,' xxx. Plate xii. fig. 5, 7.
Salicornaria immersa, Ten.-Woods, Palæon. N. Z. iv. 27.
Melecerita malvinensis, Jullien, 'Cap Horn,' 68.

286. CELLARIA MANDIBULATA, Hincks, A. M. N. H. Dec. 1882.
——— Hincks, A. M. N. H. 5. xiii. 209.
——— Hincks, P. Q. C. I. 6, 38.

287. CELLARIA ORNATA, d'Orbigny, Voy. Am. 9.
——— d'Orbigny, P. F. T. C. 28.

288. CELLARIA OVATA, Lamouroux, Ency. méth. xiv. 179.

289. CELLARIA OVICELLOSA, Stoliczka; Waters, 'Curdies Creek,' 321.
——— Waters, 'Gambier,' 260.
——— Waters, 'Muddy Creek,' 433.
Salicornaria ovicellosa, Stoliczka, 'Orakei Bay,' 151.
Salicornaria bicornis, Busk, 'Challenger,' xxx. 90.
——— Busk, Voy. Ratt. i. 366.
Cellaria bicornis, MacGill. C. V. 15.
Salicornaria tenuirostris, var. *bicornis*, Busk, B. M. C. i. 17.

290. CELLARIA PECTINIFERA, Lamk. An. s. V. ed. 1. ii. 137.
This species is not in his collection.

291. CELLARIA QUATRILATERA, d'Orbigny, P. F. T. C. 29.

292. CELLARIA RIGIDA, MacGillivray, C. V. 15.
——— MacGill. Tr. Roy. Soc. Vic. xxi. 92.
——— MacGill. Descr. new Pol. vii. 1.
——— McCoy, P. Z. V. decade xi. 17.
——— Waters, 'Challenger,' lxxix. 16.
Salicornaria simplex, Busk, 'Challenger,' xxx. 88.
Cellaria simplex, Pergens, Bull. Soc. R. M. Belg. xxii. sep. 5.
Cellaria rotunda, Desm. et Les. Plate viii. fig. 1. [P.]

293. CELLARIA SALICORNIOIDES, Lamouroux, P. C. F. 127.
——— Lamx. Ency. méth. xiv. 178.
——— Blainv. M. d'A. 455.
Cellularia salicornioides, Savigny, Zool. Egypt. Plate vi. fig. 7.
——— Costa, Faun. Nap. iii. 9. Plate iv. fig. 2.
Cellularia salicornia, var. β. Pallas, Elenchus, 62.
Cellaria Savignyi, d'Orbigny, P. F. T. C. 28.
Nellia Johnsoni, Busk, Q. J. M. S. vi. 125. [P.]
Cellaria Johnsoni, Busk, Q. J. M. S. vii. 65.
——— Hincks, B. M. P. 112.
Salicornaria Johnsoni, Busk, Q. J. M. S. viii. 280. Plate xxviii. fig. 4, 5.
Plantarum Italiæ, etc. J. Petiver, Plate ii. fig. 9.

294. CELLARIA SETIGERA, Desm. et Les. Plate viii. fig. 6.
——— Pergens, Bull. Soc. R. M. Belg. xxii. sep. 3. [P.]
Cellaria hirsuta, MacGill.; Perg. Bull. Soc. R. M. Belg. xxii. sep. 5.
——— MacGill. C. V. 15.
——— McCoy, P. Z. V. decade v. 48.
Salicornaria hirsuta, MacGill. Tr. Roy. Soc. Vic. ix. 128.
——— MacGill. Descr. new Pol. Nov. 1868. 3.
——— Kirch.; Busk, 'Challenger,' xxx. 87.
Onchopora hirsuta, Hutton, N. Z. Cat. 184.
Salicornaria pilosa, Kirchenpauer, Cat. Mus. Godef. iv. 26.

'Comme le nom de *Cellaria hirsuta* a déjà été employé en 1816 par Lamouroux, je propose de maintenir celui de *Cellaria setigera*, Desm. et Les.'—Pergens.

295. CELLARIA SINUOSA, Hassall; Hincks, B. M. P. 109.
Farcimia sinuosa, Hassall, A. M. N. H. vi. 172.
Farcimia spathulosa, Hassall, A. M. N. H. xi. 112.
Farcimia sinuosa, MacGill. A. M. N. H. ix. 468.
Salicornaria sinuosa, Gray, B. M. C.
——— Johnston, B. Z. ed. 2. i. 356.
——— Landsb. B. Z. 363.
——— Alder, T. T. F. C. iii. 152. sep. 62.
——— Busk, Crag Pol. 23.
——— Etheridge, Synop. Aus. tert. pol. 6.
Salicornaria farciminoides, var. Busk, B. M. C. i. 17.
? *Salicornaria farciminoides*, Manzoni, Bry. plioc. It. iv. 4.
——— Manz. Sagg. Conch. foss. subap. 69.
Tubularia fistulosa, Esper, Pflanz. Plate ii. fig. 1–4.
Cellaria fistulosa, var. *sinuosa*, Perg. Bry. Nord-ouest Méd. 7.

296. CELLARIA TENUIROSTRIS, Busk; Smitt, F. B. i. 4.
——— McCoy, P. Z. V. decade v. 49.
——— MacGill. C. V. 15.
Salicornaria tenuirostris, Busk, B. M. C. i. 17.
——— Busk, 'Challenger,' xxx. 92.
——— Etheridge, Synop. Aus. tert. pol. 6.

297. CELLARIA VARIABILIS, Busk.
——— Pergens, Bull. Soc. R. M. Belg. xxii. sep. 5.
Salicornaria variabilis, Busk, 'Challenger,' xxx. 89.
Cellaria affinis, Desm. et Les. Plate viii. fig. 3. [P.]

298. CELLEPORA ADVENA, Smitt.
Discopora advena, Smitt, F. B. ii. 69.

299. CELLEPORA AGGLUTINANS, Hutton, N. Z. Cat. 194.
——— Hutton, C. M. M. 99.
——— Hutton, Tr. Roy. Soc. Tasmania, 1877. 24.

300. CELLEPORA ALBIROSTRIS, Smitt; Busk, 'Challenger,' xxx. 193.
——— Busk, Jour. Lin. Soc. xv. 346.
——— McCoy, P. Z. V. decade xvii. 249.
——— MacGill. C. V. 29.
——— Waters, 'Aldinga,' 304.
——— Waters, Tert. Bry. N. Z. 68.
Discopora albirostris, Smitt, F. B. ii. 70.
? *Cellepora cucullina*, Mich. Icon. Zooph. 324.
? *Semicelleporaria cucullina*, Mich.; d'Orbigny, P. F. T. C. 421.

301. CELLEPORA AMPLIATA, Hutton, N. Z. Cat. 194.
——— Hutton, C. M. M. 99.

302. CELLEPORA AMPULLACEA, Busk, Q. J. M. S. n.s. i. 77.

303. CELLEPORA ANSATA, Busk, Jour. Lin. Soc. xv. 356.
——— Busk, 'Challenger,' xxx. 204.

304. CELLEPORA ANTILLARUM, d'Orbigny.
Semicelleporaria antillarum, d'Orbigny, P. F. T. C. 423.

305. CELLEPORA APICULATA, Busk, Jour. Lin. Soc. xv. 345.
——— Busk, 'Challenger,' xxx. 196.

306. CELLEPORA ARMATA, Hincks, B. M. P. 410.
——— Hincks, Q. J. M. S. n.s. viii. 278.
——— Hincks, Dub. U. Z. B. Assoc. ii. part 1. 77.
——— Pergens, Bry. Nord-ouest Méd. 9.
——— Pergens, 'Rhodes,' 33.

306*a*. C. ARMATA, var. ERECTA, Waters, 'Challenger,' lxxix. 36.

307. CELLEPORA ASPERA, Busk, 'Challenger,' xxx. 194.
Cellepora simonensis, Bk. 'Challenger,' xxx. Plate xxviii. fig. 6.

308. CELLEPORA AVICULARIS, Hincks, B. M. P. 406.
——— Hincks, A. M. N. H. 3. ix. 304. sep. 48.
——— Hincks, A. M. N. H. 5. xix. 306.
——— Hincks, Q. J. M. S. viii. 278.
——— Hincks, Dub. U. Z. Bot. Assoc. ii. part 1. 77.
——— Waters, 'Aldinga,' 303.
——— Waters, A. M. N. H. 5. iii. 192.
——— Norman, B. A. Rep. 1868. 308.
——— Smitt, F. B. ii. 53.
Cellepora ramulosa, form *avicularis*, (pars) Smitt, K. S. B. 1867. Plate xxviii. fig. 202, 205.
Cellepora Redoubti, Savigny, Zool. Egypt. Plate vii. fig. 6.
——— Audouin, Expl. 64.
——— d'Orbigny, P. F. T. C. 401. [error).
Cellepora aviculifera, Hks.; Pergens, Bry. env. Brest. 10. (printer's

309. CELLEPORA BECQUERELII, Sav.; d'Orbigny, P.F.T.C. 402.
Flustra Becquerelii, Sav. Zool. Egypt. Plate ix. fig. 13.
——— Audouin, Expl. 68.

310. CELLEPORA BENEMUNITA, MacGillivray; McCoy, P. Z. V. decade xv. 188.
——— MacGill. C. V. 29.

311. CELLEPORA BERNARDII, Savigny, Zool. Egypt. Plate vii. fig. 7.
——— Audouin, Expl. 64.
——— d'Orbigny, P. F. T. C. 401.

312. CELLEPORA BICORNIS, Busk, 'Challenger,' xxx. 202.
——— Busk, Jour. Lin. Soc. xv. 354.
——— Waters, 'Challenger,' lxxix. 35.

313. CELLEPORA BIDENTICULATA, Busk, 'Challenger,' xxx.
——— Busk, Jour. Lin. Soc. xv. 356. [204.

313*a*. C. BIDENTICULATA, var. SUBÆQUALIS, Busk, 'Challenger,' xxx. 204.

314. CELLEPORA BILABIATA, Busk, 'Challenger,' xxx. 203.
——— Busk, Jour. Lin. Soc. xv. 355.

315. CELLEPORA BILABIATA, Busk, Voy. Ratt. 382.
——— Bk.; Ridley, Proc. Zool. Soc. Jan. 1881. 54. [R.]

The description given by Ridley does not agree with that of Busk in the 'Challenger' Report, so that I conclude 314 and 315 are distinct species.

316. CELLEPORA BISPINATA, Busk, B. M. C. ii. 87.
——— McCoy, P. Z. V. decade xvii. 243.
——— MacGill. C. V. 29.
? ——— Hutton, N. Z. Cat. 193.
——— Waters, A. M. N. H. 5. xx. 198.

317. CELLEPORA ? BRUNNEA, Hincks, A. M. N. H. 5. xiii.
——— Hincks, P. Q. C. I. 30.

318. CELLEPORA CALICIFORMIS, Lamouroux, P.C.F. 92. (40.)
——— Lamx. Ency. méth. xiv. 183.
——— Blainv. M. d'A. 444.

319. CELLEPORA CANALICULATA, Busk, 'Challenger,' xxx. 204.
——— Busk, Jour. Lin. Soc. xv. 356.

320. CELLEPORA CELLULOSA, MacGillivray, m.s. C. V. 29.

321. CELLEPORA CIDARIS, MacGillivray; McCoy, P. Z. V. decade xvii. 243.

322. CELLEPORA CILIATA, Chiaje, An. s. V. Plate clviii. fig. 25, 26.
——— d'Orbigny, P. F. T. C. 400.

323. CELLEPORA COLUMNARIS, Busk, 'Challenger,' xxx. 194.
——— Busk, Jour. Lin. Soc. xv. 348.
Cellepora cidaris, MacGill.; Waters, A. M. N. H. 6. iv. 19. [W.]

324. CELLEPORA CONICA, Busk (?), 'Challenger,' xxx. 203.
——— Busk, Jour. Lin. Soc. xv. 355.
——— Waters, 'Challenger,' lxxix. 35.

325. CELLEPORA CORNUTA, Esper, Pflanzen. Plate xi. fig. 1–3.
Celleporina cornuta, Esper; d'Orbigny, P. F. T. C. 215.
Celleporaria cornuta, Esper; d'Orbigny, P. F. T. C. 420.

326. CELLEPORA CORONATA, Smitt, F. B. ii. 51.

327. CELLEPORA CORONATA, Chiaje, An. s. V.
——— Chiaje ; Blainv. M. d'A. 444.

328. CELLEPORA CORONOPUS, S. Wood, A. M. N. H. xiii. 13.
——— Waters, A. M. N. H. 5. iii. 192.
——— Waters, 'Bruccoli,' 10.
——— Waters, 'Aldinga,' 302.
——— Waters. Tert. Bry. N. Z. 68.
——— Busk, Crag Pol. 57.
——— Manzoni, Bry. plioc. It. iv. 13.
——— Manzoni, 'Rhodes,' 65.
——— Pergens, 'Rhodes,' 32.
Celleporaria coronopus, S. Wood ; Seguenza, Form. terz. Reggio, 329, 371.
Cellepora tubigera, Busk, Crag Pol. 60.
——— Busk, Q. J. M. S. viii. Plate xxx. fig. 5.
——— Waters, 'Bruccoli,' 11.
——— Pergens, 'Rhodes,' 32.
——— Ridley, Proc. Zool. Soc. Jan. 1881. 54.
——— Hincks, A. M. N. H. 3. ix. 305.
——— Hincks, B. M. P. 409.
——— Hutton, Tr. Roy. Soc. Tasmania, 1877. 24.
——— Manzoni, Bry. plioc. It. iv. 14.
——— Manzoni, 'Castrocaro,' 34.
Celleporaria tubigera, Bk. ; Seguenza, Form. terz. Reggio, 207, 296, 329, 371.
Cellepora gambierensis, Busk, Jour. Geol. Soc. xvi. 261.
——— T.-Woods, Geol. Obs. S. Aus. 74, 85, 91.
——— T.-Woods, Tr. Roy. Soc. Vic. vi. 4.
——— T.-Woods, Tr. Roy. Soc. Tasmania, 1875.
——— T.-Woods, Palæon. N. Z. iv. 26.
——— Stoliczka, 'Orakei Bay,' 141.
——— Etheridge, Synop. Aus. tert. pol. 7.
Eschara celleporacea, Sturt, Exped. S. Aus. 1833. ii. 253. [Eth.]
Cellepora pumicosa, Linn. Syst. Nat. ed. 12. 1286. [W.]
Madrepore rameux, etc. Marsigli, Hist. Phys. Mer. 143. [W.]

Mr. Waters is the authority for uniting '*tubigera*,' Bk., with '*coronopus*,' S. Wood. In 1878 Mr. Waters expressed the opinion that possibly several existing species of *Cellepora* should be united. In 1879 he united these two with the '*pumicosa*' of Linn. In his paper on the Bryozoa of Naples he argues that the '*pumicosa*' of Linn. is the '*coronopus*' of Marsigli, and further adds that he has seen '*coronopus*,' in several Continental museums named '*pumicosa*.'

The difficulty lies in Mr. Hincks having connected the common British species with the name of Linnæus.

329. CELLEPORA CORTICALIS, Heller, Bry. Adr. 1867. 113.

330. CELLEPORA COSTA, Savigny, Zool. Egypt. Plate vii. fig. 5.

331. CELLEPORA COSTATA, MacGillivray, Descr. new Pol. Nov. 1868. 11.
——— MacGill. C. V. 29.
——— McCoy, P. Z. V. decade xv. 183.
——— Waters, 'Aldinga,' 303.
——— Waters, Tert. Bry. N. Z. 68.

Waters places *Cellepora rota* of MacGillivray as a synonym to this species, but MacGillivray insists on their being two quite distinct forms. It is possible that Mr. Waters has had imperfect specimens of *C. costata*, as the sinus in '*costata*' and '*rota*' are certainly of different shapes.

Cellepora globularis, Bronn, Leth. Geogn. ii. 877. [W.]
——— Reuss, Wien. tert. 76. [W.]
——— Reuss, Fauna Wieliczka, 94. [W.]
——— Manzoni, Bri. foss. mioc. d'Aust. 51. [W.]
Cellepora retusa, Manzoni, 'Castrocaro,' 35. [W.]
Cellepora retusa, var. *caminata*, Waters, A.M.N.H. 5. iii. 194. [W.]
Cellepora retusa, Waters, 'Bruccoli,' 475.
Celleporaria retusa, Manz.; Seguenza, Form. terz. Reggio, 84, 207,
Cellepora globularis, Bronn; Stoliczka, 'Latdorf,' 90. [296.
——— Bronn, Reise n. It. ii. 654.
——— Pergens, 'Tasmajdan,' 7.
——— Pergens, 'Lu'zanska,' 71.
——— Pergens, Bry. mioc. Russ. Mérid. 5.

Pergens places the *Cellepora globularis* of Bronn as a distinct species.

Celleporaria globularis, Reuss, Ält. tert. Alp. ii. 52.
——— Stoliczka, 'Orakei bay,' 140.
——— Seguenza, Form. terz. Reggio, 84, 129.
Reptocelleporaria globularis, d'Orbigny, P. F. T. C. 422.
Celleporaria Reussii, d'Orbigny, P. F. T. C. 419.
Cellulipora globus, Römer, Norddeut. tert. Pol. 215.

332. CELLEPORA COSTAZII, Savigny, Zool. Egypt. Plate vii. fig. 4.
——— Audouin, Expl. 1826. 64. [H.]
——— Hincks, B. M. P. 411.
——— d'Orbigny, P. F. T. C. 400.
——— McCoy, P. Z. V. decade xv. 185.
——— MacGill. Tr. Roy. Soc. Vic. 1884.
——— MacGill. Descr. new Pol. viii. 9.
——— MacGill. C. V. 29.
——— Pergens, Bry. env. Brest, 10.
Cellepora Hassallii, Hincks, A. M. N. H. 3. ix. 304.
——— Busk, Q. J. M. S. n.s. vi. 263.
——— Alder, T. T. F. C. sep. 48.

CELLEPORA COSTAZII, SAVIGNY (*continued*)—
Cellepora Hassallii, Waters, A. M. N. H. 5. iii. 195.
——— Fischer, Bry. Sud-ouest France, 26.
——— Busk, B. M. C. ii. 86.
——— Manzoni, Bry. plioc. It. iv. 17.
——— Manzoni, 'Rhodes,' 65.
Celleporaria Hassallii, Smitt, K. S. B. 1867. 33.
——— Smitt, Bry. mar. bor. arc. 458.
——— Seguenza, Form. terz. Reggio, 329.
Celleporina Hassallii, Gray, B. M. C. i. 128.
Lepralia Hassallii, Johnston, B. Z. ed. 2. 304.
——— Landsb. B. Z. 305.
Cellepora bimucronata, Hassall, A. M. N. H. vii. 367.
Cellepora Costazii, var. *porosa*, Manz.; Pergens, Bry. Nord-ouest Méd. 9.
——— Manz.; Pergens, 'Rhodes,' 32.
? *Cellepora Boryi*, Savigny, Zool. Egypt. Plate vii. fig. 3.
——— Audouin, Expl. 63.
——— d'Orbigny, P. F. T. C. 400.
? *Cellepora Protainii*, Savigny, Zool. Egypt. Plate vii. fig. 5.
——— Audouin, Expl. 64.
——— d'Orbigny, P. F. T. C. 400.

332*a*. C. COSTAZII, var. TUBULOSA, HINCKS, B. M. P. 412.
Cellepora tubulosa, Busk, 'Challenger,' xxx. 205.

For the Mediterranean variety, Manzoni did not specify any name.

Pergens has adopted the name '*porosa*' from Manzoni's description.

333. CELLEPORA CRISPATA, ESPER, Pflanzen. Cellepora, Plate ix. fig. 1–3.
Celleporina crispata, d'Orbigny, P. F. T. C. 215.
Celleporaria crispata, d'Orbigny, P. F. T. C. 420.

334. CELLEPORA CRISTATA, LAMARCK, An. s. V. ed. 1. ii. 172.
——— Blainv. M. d'A. 443.
Reptocelleporaria cristata, d'Orbigny, P. F. T. C. 423.

335. CELLEPORA CUTLERIANA, WATERS, A. M. N. H. 5. iii. [197.
Lepralia bispinosa, Bk. (pars) B. M. C. ii. 77.

336. CELLEPORA CYCLOSTOMA, BUSK, Q. J. M. S. iv. 179.
——— Busk, in Carpenter's Cat. Mazat. Moll. 5.

337. CELLEPORA DENONII, SAVIGNY, Zool. Egypt. Plate viii. [fig. 7.
——— Audouin, Expl. 66.
——— d'Orbigny, P. F. T. C. 402.

338. CELLEPORA DENTICULATA, MACGILLIVRAY, m.s. C.V. 29.

339. CELLEPORA DESTOSTILSII, Savigny, Zool. Egypt. Plate vii. fig. 11.
——— Audouin, Expl. 66.
——— d'Orbigny, P. F. T. C. 401.

340. CELLEPORA DIADEMA, MacGillivray, C. V. 29.
——— McCoy, P. Z. V. decade xvii. 241.

341. CELLEPORA DICHOTOMA, Hincks, A. M. N. H. 3. ix. 304. sep. 49.
——— Hincks, B. M. P. 403.
——— Alder, Q. J. M. S. n.s. iv. 96.
——— Ridley, Proc. Zool. Soc. Jan. 1881. 55.
——— M'Intosh, Mar. Faun. St. Andrews, 48.
Cellepora avicularis, Smitt, F. B. ii. 53. [H.]
Cellepora ramulosa, form *avicularis*, Smitt, K. S. B. 1867. 32.

341*a*. C. DICHOTOMA, var. ATTENUATA, Alder; Hks. B. M. P. 403.
Cellepora attenuata, Alder, Q. J. M. S. n.s. iv. 97. '*lævigata*' in Plate ii. fig. 5–8.

342. CELLEPORA DIGITATA, Waters, A. M. N. H. 5. iii. 197.
Celleporaria digitata, Waters; Seguenza, Form. terz. Reggio, 329.

343. CELLEPORA DISCOIDEA, Busk, 'Challenger,' xxx. 197.

344. CELLEPORA ENDIVIA, Lamk. An. s. V. ed. 1. ii. 171.
——— Lamk. An. s. V. ed. 2. ii. 257.
Celleporina endivia, d'Orbigny, P. F. T. C. 215.
Celleporaria endivia, d'Orbigny, P. F. T. C. 419.

345. CELLEPORA EXIGUA, MacGillivray, Notes Pol. Vic. 1859. 167.
——— MacGill. Descr. new Pol. iii. 2.
? *Cellepora exigua*, Ridley, Proc. Zool. Soc. June 1881. 2.
? *Rhyncopora bispinosa*, Hincks, B. M. P. 385.

346. CELLEPORA FOLIATA, MacGillivray, C. V. 29.
——— McCoy, P. Z. V. decade xvii. 246.

347. CELLEPORA FOLINEÆ, Chiaje, An. s. V. iii. 39.
Mollia Folineæ, d'Orbigny, P. F. T. C. 388.

348. CELLEPORA FORNICATA, Lamk.; d'Orbigny, P. F. T. C. *Discopora fornicata*, Lamk. An. s. V. ed. 2. ii. 249. [400.

349. CELLEPORA FOSSA, Haswell; Waters, 'Curdies Creek,'
——— Waters, 'Gambier,' 275. [343.
——— Waters, 'Muddy Creek,' 440.
——— Waters, 'Aldinga,' 307.
Sphæropora fossa, Haswell, Proc. Lin. Soc. of N.S.W. v. part 1.

350. CELLEPORA FUSCA, Busk, B. M. C. ii. 88.
——— McCoy, P. Z. V. decade xvii. 249.
——— MacGill. C. V. 29.

351. CELLEPORA GIGAS, Smitt, F. B. ii. 52.

352. CELLEPORA GLOMERATA, MacGillivray; McCoy, P.Z.V. decade xv. 186.
? *Cellepora glomerulata*, MacGill. C. V. 29.

353. CELLEPORA GRACILIS, d'Orbigny.
Celleporina gracilis, d'Orbigny, P. F. T. C. 216.
Celleporaria gracilis, d'Orbigny, P. F. T. C. 420.

354. CELLEPORA GRANULOSA, Haswell, Proc. Lin. Soc. of N.S.W. v. part. 1.

355. CELLEPORA GRANUM, Hincks, A. M. N. H. 5. viii. 68.
——— Hincks, Lit. Phil. Soc. Liver. April 1881. 19.
——— Waters, A. M. N. H. 5. xx. 198.
——— Busk, 'Challenger,' xxx. 205.
——— Waters, A. M. N. H. 6. iv. 19.
Cellepora Boryi, Waters, A. M. N. H. 5. iii. 195.
Lagenipora nitens, MacGill. Descr. new Pol. xii. 2. [W.]
——— MacGill. Tr. Roy. Soc. Vic. 1886.
——— MacGill. C. V. 28.
——— McCoy, P. Z. V. decade xvi. 209.

355*a*. CELLEPORA GRANUM, var. Waters, 'Muddy Creek,' 440.

356. CELLEPORA HASTIGERA, Busk, 'Challenger,' xxx. 192.
——— Busk, Jour. Lin. Soc. xv.
——— MacGill. C. V. 29.

357. CELLEPORA HINCKSII, Heller, Bry. Adr. 1867. 113.

358. CELLEPORA HONOLULENSIS, Busk, 'Challenger,' xxx. 195.
——— Busk, Jour. Lin. Soc. xv. 348.

359. CELLEPORA IMBELLIS, Busk (?), 'Challenger,' xxx. 195.
——— Busk, Jour. Lin. Soc. xv. 349.

360. CELLEPORA IMBRICATA, Chiaje, An. s. V. Plate clviii. fig. 11, 12.
——— Blainv. M. d'A. 444.
——— d'Orbigny, P. F. T. C. 400.

361. CELLEPORA INCRASSATA, Lamk. An. s. V. ed. 1. ii. 170.
——— Lamk. An. s. V. ed. ii. 256.
——— Lamk.; Lamouroux, Ency. méth. 185.
——— Lamk.; Blainv. M. d'A. 443.
——— Risso, Eur. Mér. v. 336.

CELLEPORA INCRASSATA, Lamk. (*continued*)—
——— Levinsen, 'Kara-Havet,' 20.
——— Hincks, A. M. N. H. 4. xix. 105.
——— Smitt, K. S. B. 1867. 33.
——— Kirchenpauer, Cat. E. Grönl. 423.
——— Pontop. Norges N. Hist. 258.
——— Marsigli, Brieve rist. Plate xxxii. fig. 150, 151. [d'O.]
Celleporaria incrassata, d'Orbigny, P. F. T. C. 419.
Celleporina incrassata, d'Orbigny, P. F. T. C. 215.
Millepora incrassata, Ström. Sundm. Beskr. i. 142 *β*.
Cellepora pumicosa, Sars, N. Mag. Nat. vi. 147.
——— Danielssen, N. Mag. Nat. xi. 47.
Cellepora cervicornis, Busk, A. M. N. H. 2. xviii. 32.
——— Busk, Jour. Lin. Soc. xv. 238.
Celleporaria surcularis, Packard, List Labr. M. A. 10. [S.]
——— Packard, Canad. Nat. 410.
——— Packard, Inv. Faun. Labr. i. 2. 274.

362. CELLEPORA INTERMEDIA, MacGillivray, Descr. new Pol. Nov. 1868. 12.
——— MacGill. C. V. 29.
——— McCoy, P. Z. V. decade xvii. 247.

363. CELLEPORA JACKSONIENSIS, Busk, 'Challenger,' xxx. 195.
——— Busk, Jour. Lin. Soc. xv. 351.

364. CELLEPORA LABIATA, Lamx. P. C. F. 89.
——— Lamx. Expos. méth. 2.
——— Lamx. Ency. méth. xiv. 182.
——— d'Orbigny, P. F. T. C. 399.

365. CELLEPORA LABIATULA, d'Orbigny, P. F. T. C. 400.
Cellepora labiata, Chiaje, An. s. V. Plate clviii. fig. 13, 14.

366. CELLEPORA LÆVIS, Haswell, Proc. Lin. Soc. of N.S.W. v. part 1.

367. CELLEPORA LANCRETII, Savigny, Zool. Egypt. Plate vii.
——— Audouin, Expl. 63. [fig. 2.
——— d'Orbigny, P. F. T. C. 400.

368. CELLEPORA LAPLACII, Sav.; d'Orbigny, P. F. T. C. 402.
Flustra Laplacii, Savigny, Zool. Egypt. Plate x. fig. 4.
——— Audouin, Expl. 68.

369. CELLEPORA LAREYI, Savigny, Zool. Egypt. Plate viii. fig. 5.
——— d'Orbigny, P. F. T. C. 401.

370. CELLEPORA LEPROSA, Esper, Pflanzen. Plate iv.
Celleporina leprosa, d'Orbigny, P. F. T. C. 215.
Celleporaria leprosa, d'Orbigny, P. F. T. C. 420.

371. CELLEPORA LIRATA, MacGillivray; McCoy, P. Z. V. decade xvii. 250.
——— MacGill. C. V. 29.
? *Cellepora repleta*, Waters, J. R. M. S. ii. 392.
——— Waters, 'Aldinga,' 305.

Mr. Waters unites his *C. repleta* to the *C. albirostris* of Smitt. See his reasons in the last-quoted reference.

372. CELLEPORA LOBULATA, Waters, A. M. N. H. 5. iii. 198.
Celleporaria lobatula (?printer's error), Waters; Seg. Form. terz. Reggio, 329.

373. CELLEPORA LONGIROSTRIS, MacGillivray, Descr. new Pol. viii. 8.
——— MacGill. Tr. Roy. Soc. Vic. Nov. 1884.
——— MacGill. C. V. 29.

375. CELLEPORA MAGNIROSTRIS, MacGillivray; McCoy, P. Z. V. decade xvii. 251.

376. CELLEPORA MAMILLATA, Busk, B. M. C. ii. 87.
——— Ridley, Proc. Zool. Soc. Jan. 1881. 54.
——— Waters, 'Aldinga,' 304.
——— Waters, A. M. N. H. 5. xx. 197.
? ——— Hutton, N. Z. Cat. 193.
——— var. *atlantica*, 'Busk,' 'Challenger,' xxx. 199.
——— MacGill. C. V. 29.

377. CELLEPORA MANGNEVILLANA, Lamx. P. C. F. 89.
——— Lamx. Expos. méth. 2.
——— Lamx. Ency. méth. xiv. 182.
——— Lamx.; Blainv. M. d'A. 444.
——— Lamx.; d'Orbigny, P. F. T. C. 400.
——— Chiaje, An. s. V. iii. 38.

378. CELLEPORA MARGARITACEA, Pourtales; Smitt, F. B. [ii. 53.
——— Waters, A. M. N. H. 5. iii. 199.
Vincularia margaritacea, Pourt. B. Mus. comp. zool. vi. 110.
Myriozoum simplex, Busk, 'Challenger,' xxx. 170. [W.]
Buskea nitida, Heller, Bry. Adr. 1867. 89. [W.]

379. CELLEPORA MEGASOMA, MacGillivray, Descr. new Pol.
——— MacGill. Tr. Roy. Soc. Vic. 1884. [viii. 10.
——— MacGill. C. V. 29.
——— McCoy, P. Z. V. decade xv. 183.
——— Waters, 'Challenger,' lxxix. 35.
Lepralia megasoma, MacGill. Descr. new Pol. Nov. 1868. 10.
——— McCoy, P. Z. V. decade iv. 33.
Cellepora cylindriformis, Busk, 'Challenger,' xxx. 201.
——— Busk, Jour. Lin. Soc. xv. 351.

380. CELLEPORA MUNITA, MacGillivray, Descr. new Pol. viii. 8.
——— MacGill. Tr. Roy. Soc. Vic. 1884.
——— MacGill. C. V. 29.

381. CELLEPORA MUSCOSA, MacGill. m.s. C. V. 29.

382. CELLEPORA NODULOSA, Busk, Jour. Lin. Soc. xv. 345.

383. CELLEPORA NODULOSA, Lorenz, 'Jan Mayen,' 14.
C. ramulosa, forma *avicularis*, Smitt, (pars) K. S. B. Plate xxviii. fig. 207–210, non 202–206.

384. CELLEPORA OCULATA, Lamk. An. s. V. ed. 1. ii. 171.
——— Lamk. An. s. V. ed. 2. ii. 257.
——— Blainv. M. d'A. 443.
Celleporina oculata, d'Orbigny, P. F. T. C. 215.
Celleporaria oculata, d'Orbigny, P. F. T. C. 419.

385. CELLEPORA OLIVA, Lamk. An. s. V. ed. 1. ii. 171.
——— Blainv. M. d'A. 443.

386. CELLEPORA OVALIS, Busk, 'Challenger,' xxx. 202.
——— Busk, Jour. Lin. Soc. xv. 352.

387. CELLEPORA OVOIDEA, Savigny, Zool. Egypt. Plate viii. fig. 7.
——— Waters, A. M. N. H. 5. xx. 199.
Cellepora subovoidea, d'Orbigny, P. F. T. C. 402.
'There is also *C. ovoidea*, Lamx., but the figure and description are not sufficient to enable it to be recognised.'—Waters, l.c. The references to the species of Lamouroux are as follow:—P. C. F. 89; Expos. méth. 2; Ency. méth. xiv. 182.

388. CELLEPORA PAPILLÆFORMIS, Busk, Q. J. M. S. iv. 179
——— Bk. in Carpenter's Cat. Mazat. Moll. 5.

389. CELLEPORA PARSEVALII, Savigny, Zool. Egypt. Plate vii. fig. 10.
Reptescharellina Parsevalii, d'Orbigny, P. F. T. C. 453.

390. CELLEPORA PERTUSA, Smitt; Waters, 'Aldinga,' 305.
Discopora pertusa, Smitt, F. B. ii. 72.

391. CELLEPORA PLATALEA, MacGillivray, Descr. new Pol. Nov. 1868. 11.
——— MacGill. Tr. Roy. Soc. Vic. 1884.
——— MacGill. Descr. new Pol. viii. 9.
——— MacGill. C. V. 29.
——— McCoy, P. Z. V. decade xv. 186.

392. CELLEPORA POLYMORPHA, Busk, 'Challenger,' xxx. 195.
——— Busk, Jour. Lin. Soc. xv. 353.

393. CELLEPORA PROLIFERA, MacGillivray ; McCoy, P.Z.V. decade xvii. 247.
——— MacGill. C. V. 29.

394. CELLEPORA PUMICOSA, Linn. Syst. Nat. ed. 12. 1286.
——— Linn. Syst. Nat. ed. Gmel. 3791.
——— Linn. Turton, iv. 640.
——— Linn. ; Manzoni, Bry. plioc. It. iv. 14.
——— Linn. ; Manzoni, 'Rhodes,' 65.
——— Linn. ; Westendorp, Pol. Flex. Belg. Extr. 11.
——— Linn. ; Maitland, Faun. Belg. sep. 64.
——— Fleming, B. A. 532.
——— Lamk. An. s. V. ed. 1. ii. 170.
——— Lamk. An. s. V. ed. 2. ii. 256.
——— Templeton, Mag. Nat. Hist. ix. 469.
——— Bellamy, Nat. Hist. S. Devon.
——— Johnston, B. Z. ed. 1. 273.
——— Johnston, B. Z. ed. 2. 295.
——— Alder, T. T. F. C. sep. 48.
——— Stewart, Elem. ii. 428.
——— Couch, Zooph. Cornw. 48.
——— Couch, Corn. Faun. iii. 110.
——— Hincks, B. M. P. 398.
——— Busk, B. M. C. ii. 86.
——— Heller, Bry. Adr. 1867. 112.
Non ——— Hutton, N. Z. Cat. 193.
——— Müller, Zool. Dan. Prod. 253. [J.]
——— Berk. Syn. i. 212. [J.]
——— Lamx. P. C. F. 91.
——— Lamx. Ency. méth. xiv. 183.
——— Johnston, Trans. N. H. Soc. Newc. ii. 267.
——— Gray, B. M. C. i. 129.
——— Grube, 'die Inseln Lussin,' 67.
——— Landsb. B. Z. 299.
——— Blainv. M. d'A. 443.
——— Pergens, Bry. env. Brest, 10.
——— Pergens, 'Rhodes,' 31.
——— Risso, Eur. Mérid. v. 336.
——— Packard, Inv. Faun. Labr. i. 2. 274.
Cellepora verrucosa, Linn. Syst. Nat. ed. 12. 1286. [H.]
——— Linn. Syst. Nat. ed. Gmel. 3791.
——— Fabr. Faun. Grönl. 434. [H.]
——— Olivi, Zool. Adr. 229. [H.]
——— Esper, Pflanzen. Plate ii. fig. 1, 2.
——— Blainv. M. d'A. 444.
Tubipora verrucosa, Linn. Syst. Nat. ed. 10. 789.

CELLEPORA PUMICOSA (*continued*)—
Cellepora spinosa, Turton, Brit. Faun. 205.
Madrepora verrucaria, Esper, Plate xvii. fig. c, C, b, B.
Millepora pumicosa, (pars) Pallas, Elenchus, 254. [H.]
——— Solander, Zooph. 135.
——— Stewart, Elem. ii. 428. [C.]
——— Jameson, Wern. Mem. i. 560.
——— Linn. Syst. Nat. ed. Gmel. 3790. [C.]
——— Linn. Turton, iv. 639. [C.]
Flustra bullata, Solander, Zooph. 16. [C.]
——— Stewart, Elem. ii. 436. [C.]
——— Linn. Turton, iv. 664. [C.]
Pumice stone Coralline, Couch, Zooph. Cornw. 48.
——— Couch, Corn. Faun. iii. 110.
Pumice Millepore, Solander, Zooph. 135.
Porous Eschara, Ellis, N. H. C. 75. Plate xxvii. fig. f, F.
Discopora verrucosa, Westendorp, Pol. Flex. Belg. Extr. 11.
——— Lamx. P. C. F. 42.
——— Lamx. Ency. méth. xiv. 254.
Puimsteen Koraal, Pal. vertdoor Bodd. 317.
——— Houttuyn, xvii. bl. 209. No. 56.
Poorachtig-korstgewas, Ellis, bl. 83. No. 7. Plate xxvii. fig. F.
Corallium asperum, Marsigli, Hist. phys. mer. 143, 149.
Madrepore à cône, Marsigli, Hist. phys. mer. Plates xxxi et xxxii.
Madrepore Abrotanoide, *etc.* Marsigli, Hist. phys. mer. same plates.
Cellepora pumicosa, Busk non Linn.; Waters, 'Bairnsdale,' 512.
Cellepora ceratomorpha, Reuss, Wien. tert. 80. [W.]
Lepralia ceratomorpha, Reuss, Bry. mioc. d'Aust. 175. [W.]
——— Seguenza, Form. terz. Reggio, 205.
Reptescharellina ceratomorpha, d'Orb. P. F. T. C. 429.
Cellepora pumicosa, Bk. non Linn.; Waters, A. M. N. H. 5. iii. 198.

394*a*. C. PUMICOSA, Busk, var. EATONENSIS, Busk; Waters, 'Challenger,' lxxix. 35.
Cellepora eatonensis, Busk, 'Challenger,' xxx. 201.
——— Busk, Jour. Lin. Soc. xv. 351.

It is very probable that many of the references to Continental authors belong to '*coronopus*,' which only an examination of type specimens can satisfactorily settle.

395. CELLEPORA POSTULATA, Busk, 'Challenger,' xxx. 200.
——— Busk, Jour. Lin. Soc. xv. 350.
——— Waters, 'Challenger,' lxxix. 34.

396. CELLEPORA RAMOSISSIMA, d'Orbigny.
Celleporina ramosissima, d'Orbigny, P. F. T. C. 216.
Celleporaria ramosissima, d'Orbigny, P. F. T. C. 420.

397. CELLEPORA RAMULOSA, Linn. Syst. Nat. ed. 12. 1285.
——— Linn. Syst. Nat. ed. Gmel. 3791.
——— Linn. Turton, iv. 640.
——— Fleming, B. A. 532.
——— Johnston, Trans. Newc. Soc. ii. 267.
——— Johnston, B. Z. ed. 1. 274.
——— Johnston, B. Z. ed. 2. 296.
——— Hassall, A. M. N. H. vii. 367.
——— Thompson, A. M. N. H. vii. 481.
——— Hincks, A. M. N. H. 3. ix. 305.
——— Hincks, B. M. P. 401.
——— MacGill. A. M. N. H. ix. 467.
——— Waters, A. M. N. H. 5. iii. 196.
——— Couch, Zooph. Cornw. 48.
——— Couch, Corn. Faun. iii. 110.
——— Gray, B. M. C. i. 129.
——— Alder, T. T. F. C. 138. sep. 48.
——— Alder, Q. J. M. S. n.s. iv. 96.
——— Busk, B. M. C. ii. 87.
——— Busk, Crag Pol. 58.
——— Pergens, 'Rhodes,' 33.
——— Waters, 'Bruccoli,' 11.
——— Fischer, Bry. Sud-ouest France, 25.
——— Smitt, Bry. mar. bor. arct. 458.
——— Kirchenpauer, 'Pomerania,' 188.
——— Lamk. An. s. V. ed. 2. ii. 258.
——— Müll. Zool. Dan. Prod. 253.
——— Levinsen, 'Kara-Havet,' 20.
——— Verrill, R. I. V. S. Extr. 420.
——— Manzoni, Bry. plioc. It. iv. 12. [W.]
——— Manzoni, 'Rhodes,' 65.
? ——— Manzoni, 'Castrocaro,' 34.
——— form *ramulosa*, Smitt, K. S. B. 1867. 31.
Cellipora ramulosa, Landsb. B. Z. 300.
Celleporaria ramulosa, Seguenza, Form. terz. Reggio, 207, 296, [329, 371.
Cellepora ramosa, Blainv. D. S. N. 354.
——— Blainv. M. d'A. 443.
Cellepora ramulosa, Lamx. P. C. F. 88.
——— Lamx. Ency. méth. xiv. 181.
Cellepora pumicosa var. Sars, N. Mag. Nat. vi. 147. sep. 27.
Millepora pumicosa, (pars) Pallas, Elenchus, 254.
Cellepora ramulosa, Busk, Crag Pol. 58.
Cellepora lævis, Fleming; MacGill. A. M. N. H. ix. 767.
——— Landsb. B. Z. 301.
Puimsteen coraal, Pall.; Boddaert, Naam. plant. 317. non Plate viii. fig. 5. [P.]
Branched Cellepore, Couch, Corn. Faun. iii. 110.

397*a*. C. RAMULOSA, form CONTIGUA, Smitt, K. S. B. 1867. 31. fig. 198–201.

398. CELLEPORA RAYI, Savigny, Zool. Egypt. Plate vii. fig. 10.
——— Audouin, Expl. 65.
Cellepora Raigii, d'Orbigny, P. F. T. C. 401.

399. CELLEPORA RETICULATA, Pourtales, Bull. mus. comp. zool. 110.

400. CELLEPORA ROSTRATA, Chiaje, An. s. V. Plate clviii. fig. 21, 22.
——— d'Orbigny, P. F. T. C. 400.

401. CELLEPORA ROTA, MacGillivray, Descr. new Pol. viii. 11.
——— MacGill. Tr. Roy. Soc. Vic. 1884.
——— MacGill. C. V. 29.
——— McCoy, P. Z. V. decade xv. 184.

402. CELLEPORA ROUCHI, Chiaje, An. s. V. Plate clviii. fig. 19, 20.

403. CELLEPORA RUDIS, Busk, 'Challenger,' xxx. 196.
——— Busk, Jour. Lin. Soc. xv. 349.

404. CELLEPORA SAMBOENGENSIS, Busk, 'Challenger,' xxx. 196.
Cellepora zamboangensis, Busk, Jour. Lin. Soc. xv. 346.

405. CELLEPORA SARDONICA, Waters, A. M. N. H. 5. iii. 196.
——— Hincks, A. M. N. H. 5. xix. 306.

406. CELLEPORA SERRATIROSTRIS, MacGillivray, Descr. new Pol. viii. 9.
——— MacGill. C. V. 29.
——— McCoy, P. Z. V. decade xiii. 109.

407. CELLEPORA SIGNATA, Busk, 'Challenger,' xxx. 203.
——— Busk, Jour. Lin. Soc. xv. 355.

408. CELLEPORA SIMONENSIS, Busk, 'Challenger,' xxx. 200.
——— Busk, Jour. Lin. Soc. xv. 350.

409. CELLEPORA SIMPLEX, MacGillivray; McCoy, P. Z. V. decade xvii. 241.
——— MacGill. C. V. 29.

410. CELLEPORA SOLIDA, Busk, 'Challenger,' xxx. 200.
——— Busk, Jour. Lin. Soc. xv. 350.

411. CELLEPORA SPECIOSA, MacGillivray; McCoy, P. Z. V. decade xiii. 109.
——— MacGill. C. V. 29.

412. CELLEPORA SPICATA, MacGillivray; McCoy, P. Z. V. decade xvii. 242.
——— MacGill. C. V. 29.

413. CELLEPORA SUBPUMICOSA, d'Orbigny, P. F. T. C. 400.
Cellepora pumicosa, Savigny, Zool. Egypt. Plate vii. fig. 1.
——— Aud. Expl. 63. *non* Lamk.

414. CELLEPORA SULCATA, Lamx. P. C. F. 88.
——— Lamx. Ency. méth. xiv. 182.

415. CELLEPORA TIARA, MacGillivray; McCoy, P. Z. V. decade xv. 187.
——— MacGill. C. V. 29.

416. CELLEPORA TRICORNIS, Kirchenpauer, m.s.

417. CELLEPORA TRIDENTICULATA, Busk, 'Challenger,' xxx. [198.
——— Busk, Jour. Lin. Soc. xv. 347.
——— Waters, 'Aldinga,' 306.
——— Waters, Tert. Bry. N. Z. 68.
——— McCoy, P. Z. V. decade xiii. 110.
——— MacGill. C. V. 29.

418. CELLEPORA TUBERCULATA, Busk, 'Challenger,' xxx. 193.
——— Busk, Jour. Lin. Soc. xv. 347.

419. CELLEPORA TUBERCULATA, d'Orbigny.
Celleporina tuberculata, d'Orbigny, P. F. T. C. 216.
Celleporaria tuberculata, d'Orbigny, P. F. T. C. 420.

420. CELLEPORA TUBERCULATA, Chiaje, An. s. V. Plate clviii. fig. 23, 24.
——— d'Orbigny, P. F. T. C. 400.

421. CELLEPORA TUBEROSA, d'Orbigny.
Reptocelleporaria tuberosa, d'Orbigny, P. F. T. C. 423.
Cellepora ramulosa, form *tuberosa*, Smitt, K. S. B. 1867. 31.

422. CELLEPORA VAGANS, Busk, 'Challenger,' xxx. 198.
——— Busk, Jour. Lin. Soc. xv. 354.

423. CELLEPORA VARIOLOSA, MacGillivray, Descr. new Pol. Nov. 1868. 12.

424. CELLEPORA VENTRICOSA, Lorenz, 'Jan Mayen,' sep. 14.
Cellepora incrassata, (pars) Smitt, K. S. B. 1867. 33.

425. CELLEPORA VERRUCATA, Esper, Pflanzen. Plate ii. fig. 1,2.
——— d'Orbigny, P. F. T. C. 400.

426. CELLEPORA VERRUCOSA, MacGillivray; McCoy, P.Z.V. decade xvii. 245.
——— MacGill. C. V. 29.

427. CELLEPORA VERRUCULATA, Smitt, F. B. ii. 50.
——— Waters, A. M. N. H. 5. iii. 193.
Escharoides verruculata, Busk, 'Challenger,' xxx. 150.

428. CELLEPORA VITREA, MacGillivray; McCoy, P. Z. V. decade xv. 186.
——— MacGill. C. V. 29.

429. CELLEPORA VITRINA, Couch, Corn. Faun. iii. 109.
——— Johnston, B. Z. ed. 2. 300.
——— Busk, B. M. C. ii. 87.
Cellipora vitrina, Landsb. B. Z. 302.

430. CELLEPORELLA LEPRALIOIDES, Norman; Hincks, B. M. P. 414.
——— Kirch. Cat. E. Grönl. 423.
Cellepora lepralioides, Norman, Q. J. M. S. n.s. viii. 222.

431. CELLEPORELLA PYGMÆA, Norman, B. A. Rep. 1868. 308.
——— Hincks, B. M. P. 415.

432. CELLULARIA ACULEATA, d'Orbigny.
Bicellaria aculeata, d'Orbigny, Voy. Am. 8.
Tricellaria aculeata, d'Orbigny, Voy. Am. Plate ii. fig. 1–4.
Ternicellaria aculeata, d'Orbigny, P. F. T. C. 47.

433. CELLULARIA BILOBA, Busk, 'Challenger,' xxx. 18.

434. CELLULARIA CIRRATA, Busk, 'Challenger,' xxx. 17.

435. CELLULARIA CORNIGERA, Smitt, F. B. i. 14.
Canda cornigera, Pourt. Bull. Mus. comp. zool. 111.

436. CELLULARIA CRATERIFORMIS, Busk, 'Challenger,' xxx. 16.

437. CELLULARIA CUSPIDATA, Busk, B. M. C. i. 19.
——— Busk, 'Challenger,' xxx. 17.
——— Waters, A. M. N. H. 5. xx. 88.
——— Hutton, N. Z. Cat. 182.
——— McCoy, P. Z. V. decade vi. 31.
——— MacGill. C. V. 13.
——— Haswell, Pol. Queensland, 36.
Cellularia monotrypa, Busk, Voy. Ratt. i. 368.
——— Hutton, N. Z. Cat. 182.

438. CELLULARIA ELONGATA, Busk, 'Challenger,' xxx. 19.

439. CELLULARIA GRACILIS.

440. CELLULARIA PEACHII, Busk, A. M. N. H. 2. vii. 82.
——— Busk, B. A. Rep. 1859. 144.
——— Busk, B. M. C. i. 20.
——— Norman, Q. J. M. S. n.s. viii. 213.
——— Alder, T. T. F. C. sep. 58.
——— Hincks, B. M. P. 34.
——— Hincks, A. M. N. H. 6. i. 216.
——— Gosse, Mar. Zool. ii. 10.

CELLULARIA PEACHII, Busk (*continued*)—
——— Landsb. B. Z. 342.
——— Smitt, K. S. B. 1867. 285.
——— Levinsen, 'Kara-Havet,' 3.
——— Vigelius, 'Wm. Barents,' 8.
——— Packard, Inv. Faun. Labr. i. 2. 272.
Bugulopsis Peachii, Verrill, Am. Jour. Sci. Art. 3. xviii. 53.
——— Verrill, Cont. Zool. Mus. Yale Coll. No. xliii.
Cellularia neritina var. Johnston, B. Z. ed. i. 340.
Bugula neritina, b. c. d. e. Gray, B. M. C. i. 114.
Cellularia dichotoma, Lóven, m.s. 1834.

441. CELLULARIA QUADRATA, Busk, 'Challenger,' xxx. 18.

442. CEPHALODISCUS DODECALOPHUS, M'Intosh, 'Challenger,' lxii.
——— M'Intosh, A. M. N. H. 5. x. 337.

443. CHLIDONIA CORDIERI, Savigny, Zool. Egypt. Plate xiii.
——— Audouin, Expl. i. 243. [fig. 3.
——— Waters, A. M. N. H. 5. iii. 116.
——— Busk, 'Challenger,' xxx. 8.
——— d'Orbigny, P. F. T. C. 40.
——— MacGill. C. V. 10.
Cothurnicella dœdala, Wyv. Th. Nat. Hist. Rev. v. 146.
——— Wyv. Th. Dub. U. Zool. Bot. Assoc. 1859. i. 85.
Chlidonia dœdala, McCoy, P. Z. V. decade xi. 35.

444. CHORIZOPORA ANNULATA.
Mollia annulata, d'Orbigny, P. F. T. C. 388.
This species is classed under *Chorizopora*, because d'Orbigny considers it comes very close to his preceding species, which is *C. Brongniartii.*

445. CHORIZOPORA BRONGNIARTII, Audouin; Hks. B. M. P.
——— Busk, 'Challenger,' xxx. 148. [224.
——— Pergens, 'Tasmajdan,' sup. note.
——— MacGill. C. V. 26.
Flustra Brongniartii, Savigny, Zool. Egypt. Plate x. fig. 6.
——— Audouin, Expl. 240.
Lepralia Brongniartii, Busk, B. M. C. ii. 65.
——— Heller, Bry. Adr. Jan. 1867. 101.
——— Waters, A. M. N. H. 5. iii. 35.
——— Alder, T. T. F. C. sep. 49.
——— Busk, Crag Pol. 46.
——— Seguenza, Form. terz. Reggio, 83, 201, 295, 328, 369.
——— Manzoni, Bry. plioc. It. ii. 7. Plate ii. fig. 9.
——— Manzoni, 'Castrocaro,' 20. Pl. ii. fig. 27. Pl. iv. fig. 54.
——— McCoy, P. Z. V. decade iv. 25.

CHORIZOPORA BRONGNIARTII, AUDOUIN (*continued*)—
Mollia Brongniartii, d'Orbigny, P. F. T. C. 388.
Mollia tuberculata, d'Orbigny, P. F. T. C. 388. [H.]
Mollia tenuis, Hassall; Fischer, Bry. Sud-ouest France, 22.
Lepralia tenuis, Hassall, A. M. N. H. ix. 412. [H.]
——— Johnston, B. Z. ed. 2. 303.
——— Landsb. B. Z. 304.
Lepralia assimilis, Johnston, B. Z. ed. 2. 304. [H.]
——— Landsb. B. Z. 305.
——— Hassall, A. M. N. H. ix. 412.
——— Gray, B. M. C. i. 117.
Lepralia Jacotini, Gray, B. M. C. i. 117. [H.]
Lepralia catenata, Peach, m.s.
Lepralia vinca, Couch, Corn. Faun. iii. 116.
Lepralia capitata, Reuss, Bry. mioc. d'Aust. 21.
? *Reptescharinella rhomboidalis*, d'Orb. P. F. T. C. 429. [H.]

446. CHORIZOPORA HONOLULENSIS, BUSK, 'Challenger,' xxx. 148.
Lepralia honolulensis, Bk. 'Challenger,' xxx. Plate xxii. fig. 12.

447. CHORIZOPORA VITTATA, MACGILLIVRAY, C. V. 26.
Lepralia vittata, MacGill. Descr. new Pol. Nov. 1868. 7.
——— McCoy, P. Z. V. decade iv. 25.

448. CINCTIPORA ELEGANS, HUTTON, N. Z. Cat. 198.
——— Hutton, C. M. M. 103.
——— Waters, Tert. Bry. N. Z. Cyclos. 341.

448*a*. C. ELEGANS, var. AREOLATA, Waters, Ter^t. Bry. N. Z. Cyclos. 341.
Cylindropora areolata, T.-WOODS, Palæon. N. Z. iv. 21.

449. CLAVIPORELLA AURITA, MacGillivray, C. V. 12.
Catenicella aurita, BUSK, B. M. C. i. 8.
——— Wyv. Th. J. M. S. 1859.
——— Hutton, N. Z. Cat. 180.
——— McCoy, P. Z. V. decade iii. 26.

450. CLAVIPORELLA BICORNE, GOLDSTEIN.
? *Claviporella imperforata*, MacGill. Descr. new Pol. xi. 2.
——— MacGill. Tr. Roy. Soc. Vic. 1886.
——— MacGill. C. V. 12.
——— McCoy, P. Z. V. decade xv. 176.

451. CLAVIPORELLA CACATUA, GOLDSTEIN.
? *Claviporella pulchra*, MacGillivray, Descr. new Pol. xi. 2.
——— MacGill. Tr. Roy. Soc. Vic. 1886.
——— McCoy, P. Z. V. decade xv. 176.
——— MacGill. C. V. 12.

452. CLAVIPORELLA GEMINATA, Wyv. Th.; MacGill. C. V. 12.
Catenicella geminata, Wyv. Th. Dub. Nat. Hist. Rev. 1858.
——— Wyv. Th. Dub. U. Zool. Bot. Assoc. i. 84.
——— Wyv. Th. Q. J. M. S. vii. 147.
——— McCoy, P. Z. V. decade iii. 26.
——— Hutton, N. Z. Cat. 181.

453. CLAVOPORA HISTRICIS, Busk, Q. J. M. S. xiv. 261.

454. COLLARINA, genus only, Jullien, Bull. Soc. Zool. France, xi. sep. 7.
'Le type de ce genre est la *Lepralia cribosa*, Waters (non Heller).'

455. COLLETOSIA, genus only, Jullien, Bull. Soc. Zool. France, xi. sep. 10.
'Le type de ce genre est la *Lepralia Endlicheri*, Reuss.'

456. COLLURA, genus only, Jullien, Bull. Soc. Zool. France, vi. sep. 13.

457. CONESCHARELLINA ANGUSTATA, d'Orbigny, P. F. T. C. 447.

458. CONESCHARELLINA CANCELLATA, Waters, A. M. N. H. 5. xx. 200.
Lunulites cancellata, Busk, B. M. C. ii. 101.
——— Waters, 'Curdies Creek,' 344.
Lunulites cancellatus, Waters, 'Gambier,' 275.
——— Waters, 'Bairnsdale,' 512.
Bipora cancellata, Whitelegge, Proc. Lin. Soc. of N.S.W. 2. ii. 340.
——— Whitelegge, A. M. N. H. 6. i.

459. CONESCHARELLINA DEPRESSA, Haswell, Proc. Lin. Soc. of N.S.W. v. part. i.
Bipora depressa, Whitelegge, Proc. Lin. Soc. of N.S.W. 2. ii.

460. CONESCHARELLINA DILATATA, d'Orbigny, P. F. T. C. 447.

461. CONESCHARELLINA ELEGANS, d'Orbigny; Waters, A. M. N. H. 5. xx. 200.
Flabellopora elegans, d'Orbigny, P. F. T. C. 53.
Bipora? *elegans*, Whitelegge, Proc. Lin. Soc. of N.S.W. 2. ii. 346.
——— Whitelegge, A. M. N. H. 6. i.

462. CONESCHARELLINA INCISA, Hincks; Waters, A.M.N.H. 5. xx. 199.
Lunulites incisa, Hincks, Lit. Phil. Soc. Liver. 1881. 20.
——— Hincks, A. M. N. H. 5. viii. 68.
Conescharellina? *conica*, Haswell, Proc. Lin. Soc. of N. S. W. v. part i. 42.

463. CORYMBOPORA FUNGIFORMIS, Smitt, K. S. B. 1865. 407.
Fungella prolifera, Hagenow (?), Bry. Maast. Kreid. 37.
Fungella quadriceps, Busk (?), Crag Pol. 119.
Fasciculipora prolifera, d'Orbigny, P. F. T. C. 668.

464. CORYNOPORELLA TENUIS, Hincks, A. M. N. H. 6. i. 215.

465. COSTULA, genus only, Jullien, Bull. Soc. Zool. France, xi. sep. 4.

466. CREPIS LONGIPES, Jullien, 'Travailleur,' 26.

467. CRIBRILINA, genus only, Jullien, Bull. Soc. Zool. France, xi. sep. 4.
——— Gray, Appendix Proc. Zool. Soc. 1838.
——— Gray, British Radiata, 116 et 147. 1848.

468. CRIBRILINA ALCICORNIS, Jullien, 'Travailleur,' 12.

469. CRIBRILINA ACANTHOCEROS, MacGillivray, Descr. new Pol. xi. 5.
——— MacGill. Tr. Roy. Soc. Vic. 1886.
——— MacGill. C. V. 22.

470. CRIBRILINA ANNULATA, Fabricius; Hks. B. M. P. 193.
——— Vigelius, 'Wm. Barents,' 13.
——— Lorenz, 'Jan Mayen,' sep. 4.
——— Levinsen, 'Kara-Havet,' 317. sep. 13.
Cellepora annulata, Fabricius, Faun. Grönl. 436.
——— Fabr. m.s. Bibl. Reg. Haun. l.c. iii. 21.
——— Linn. Syst. Nat. ed. Gmel. 3792.
——— Linn. Turton, iv. 641.
——— Bosc, Vers, iii. 122.
Lepralia annulata, Johnston, B. Z. ed. 2. 312.
——— Landsb. B. Z. 313.
——— Gray, B. M. C. i. 122.
——— Busk, B. M. C. ii. 76.
——— Kirch. 'Pomerania,' 185.
——— Sars, N. Mag. Nat. vi. 148. sep. 28.
——— Sars, N. Mag. Nat. vii. 379.
——— Packard, List Labr. M. A. i. 2. 270. sep. 6.
Escharipora annulata, Smitt, K. S. B. 1867. 4.
——— Winther, Bry. Danmark, sep. 28.
——— Whiteaves, 'St. Lawrence,' 11.
Cellepora bimucronata, Lamx. P. C. F. 93.
——— Lamx. Pol. Corall. 41.
——— Lamk. An. s. V. ed. 2. ii. 260.
? *Reptescharella Heermannii*, Gabb et Horn, Jour. Ac. Phil. v. part 2, 137. [H.]
Cellepora ornata, Lóven, m.s. 1835.

471. CRIBRILINA CLITHRIDIATA, Waters, A. M. N. H. 5. xx. [187.
——— Waters, A. M. N. H. 6. iv. 5.

472. CRIBRILINA CRIBROSA, Heller; Waters, A. M. N. H. 5. iii. 36.
Lepralia cribrosa, Heller, Bry. Adr. 1867. 109.
Collarina cribrosa, Waters, *non* Heller; Jullien, Bull. Soc. Zool. France, xi. sep. 7.

473. CRIBRILINA FIGULARIS, Johnston; Hks. B. M. P. 196.
——— Waters, 'Aldinga,' 292.
——— Waters, Tert. Bry. N. Z. 53.
Lepralia figularis, Johnston, B. Z. ed. 2. 314.
——— Gray, B. M. C. i. 119.
——— Landsb. B. Z. 315.
——— Hincks, A. M. N. H. sep. 44.
——— Busk, B. M. C. ii. 80.
——— Heller, Bry. Adr. 1867. 111.
Figularia figularis, Jullien, Bull. Soc. Zool. France, xi. sep. 8.
Escharipora figularis, form *typica*, Smitt, K. S. B. 1867. 4.
Lepralia Haueri, Manzoni, *non* Reuss, 'Castrocaro,' 30.
——— Manzoni, 'Rhodes,' 63.
Cribrilina philomela, Busk, 'Challenger,' xxx. 132.
——— Kirkpatrick, A. M. N. H. 6. ii. 13.
——— var. *adnata*, Bk. 'Challenger,' xxx. 132.
Hemeschara philomela, Busk, 'Challenger,' xxx. Plate xvii. fig. 6. and Plate xxii. fig. 7.
? *Reptescharella inæqualis*, d'Orbigny, P. F. T. C. 467.

473*a*. C. FIGULARIS, var. FISSA, Hincks, B. M. P. 196.

473*b*. C. FIGULARIS, form NITIDO-PUNCTATA, Smitt.
Escharipora figularis, form *nitido-punctata*, Smitt, K. S. B. 1867. Plate xxiv. fig. 2, 3.

474. CRIBRILINA FIGULARIS, Smitt, F. B. ii. 23.
This is not Johnston's species. See Hincks, B. M. P. 196.

475. ? CRIBRILINA FLEXUOSA, d'Orbigny.
Semiescharella flexuosa, d'Orb. P. F. T. C. 462.

476. CRIBRILINA FLORIDANA, Smitt, F. B. ii. 23.

477. CRIBRILINA FURCATA, Hincks, A. M. N. H. 5. x. Plate xx. [fig. 5.
——— Hincks, P. Q. C. I. 12.

478. CRIBRILINA GATTYÆ, Busk; Hks. B. M. P. 198.
Lepralia Gattyæ, Busk, B. M. C. ii. 73.
——— Landsb. B. Z. 326.
——— Waters, A. M. N. H. 5. iii. 36.
——— Seguenza, Form. terz. Reggio, 295.

CRIBRILINA GATTYÆ, Busk (*continued*)—
Puellina Gattyæ, Jullien, Bull. Soc. Zool. France, xi. sep. 7.
Lepralia steindachneri, Heller, Bry. Adr. 1867. 109.
? *Flustra Jaubertii*, Savigny, Zool. Egypt. Plate ix. fig. 9.
——— Audouin, Expl. 68.
? *Cellepora Jaubertii*, d'Orbigny, P. F. T. C. 402.

478*a*. C. GATTYÆ, var. *a*. Hincks, B. M. P. 198.

479. CRIBRILINA HIPPOCREPIS, Hincks, A. M. N. H. 5. x. Plate xx. fig. 6.
——— Hincks, P. Q. C. I. 13.
Lyrula hippocrepis, Jullien, Bull. Soc. Zool. France, xi. sep. 6.

480. CRIBRILINA INDICA, d'Orbigny.
Reptescharella indica, d'Orbigny, P. F. T. C. 466.

481. CRIBRILINA LABIOSA, see Busk, 'Challenger,' xxx. 133.
Lepralia labiosa, Busk, B. M. C. ii. 82.

481*a*. C. LABIOSA, var. FRAGILIS, Busk, 'Challenger,' xxx. 133.
Hemeschara cribraria, Bk. 'Challenger,' Plate xix. fig. 4.

482. CRIBRILINA LATIMARGINATA, Bk. 'Challenger,' xxx. 131.
——— Waters, 'Challenger,' lxxix. 22.
Lepralia latimarginata, Busk, 'Challenger,' xxx. Plate xxii. fig. 10.
Jolietina latimarginata, Jullien, Bull. Soc. Zool. France, xi. sep. 8.

483. CRIBRILINA MONOCEROS, Busk, 'Challenger,' xxx. 133.
——— Hincks, A. M. N. H. xiv. 279.
——— Hincks, A. M. N. H. 5. viii. 57.
——— Hincks, Lit. Phil. Soc. Liver. 1881. 11.
——— Waters, A. M. N. H. 5. xx. 187.
——— Waters, 'Bairnsdale,' 507.
——— Waters, Tert. Bry. N. Z. 52.
——— MacGill. Descr. new Pol. xi. 4.
——— MacGill. Tr. Roy. Soc. Vic. 1886.
——— MacGill. C. V. 22.
Lepralia monoceros, Busk, B. M. C. ii. 72.
——— Ridley, Proc. Zool. Soc. Jan. 1881. 51.
——— McCoy, P. Z. V. decade iv. 32.
Eschara unicornis, Hutton, N. Z. Cat. 194.
Hemeschara monoceros, Busk, 'Challenger,' Plate xix. fig. 8.
Arachnopusia monoceros, Jullien, 'Cap Horn,' 63.

484. CRIBRILINA PUNCTATA, Gray, B. M. C. i. 117.
——— Hincks, B. M. P. 190.
——— Lorenz, 'Jan Mayen,' sep. 4.
Lepralia punctata, Hassall, A. M. N. H. vii. 368.
——— Hassall, A. M. N. H. ix. 407.

CRIBRILINA PUNCTATA, Gray (*continued*)—
Lepralia punctata, Johnston, B. Z. ed. 2. 312 et 478.
——— Landsb. B. Z. 313.
——— Alder, T. T. F. C. iii. 141. sep. 51.
——— Gatty, see Brady, A. M. N. H. 3. vii. 70.
——— Hincks, A. M. N. H. 3. ix. 204.
——— Busk, B. M. C. ii. 79.
——— Busk, Q. J. M. S. iv. 310.
——— Busk, Crag Pol. 40.
Escharipora punctata, Smitt, K. S. B. 1867. 4.
——— Winther, Bry. Dan. sep. 28.
——— Fischer, Bry. Sud-ouest France, 18.
——— Freese, Bry. Ost-see, 39.
——— Verrill, R. I. V. S. 419.
——— Whiteaves, 'St. Lawrence,' 11.
Lepralia arenacea, Bean, m.s. sec Johnston.
? *Lepralia cribrosa*, Boeck, *non* Heller, Forh. V. S. Xtiania, 1861. 50.

484*a*. C. PUNCTATA, var. *a*. Hincks, B. M. P. 191.

484*b*. C. PUNCTATA, var. Hincks, A. M. N. H. 5. xvii. 266.

485. CRIBRILINA RADIATA, Moll; Hincks, B. M. P. 185.
——— Hincks, A. M. N. H. 5. xi.
——— Hincks, P. Q. C. I. 14.
——— Busk, 'Challenger,' xxx. 131.
——— Waters, A. M. N. H. 6. iv. 5.
——— Waters, 'Gambier,' 265.
——— Waters, 'Aldinga,' 292.
——— Smitt, F. B. ii. 22.
——— MacGill. C. V. 22.
——— Hincks, Coll. Pol. Bass' Straits, 10.
——— Kirkpatrick, A. M. N. H. 6. i. 75.
——— Ridley, 'Alert,' 47.
——— Pergens, Bry. Nord-ouest Méd. 8.
——— Pergens, Wola Lu'zanska, 69.
——— Pergens, 'Rhodes,' 20.
——— Pergens, 'Tasmajdan,' supp. note.
——— Koschinsky, Bry. tert. Bayern, sep. 35.
Lepralia radiata, Busk, Q. J. M. S. vi. 128 et 263.
——— Busk, Q. J. M. S. viii. 283.
——— Waters, A. M. N. H. 5. iii. 35.
Eschara radiata, Moll, 'Eschara,' ed. 1803. 63.
——— Moll, 'die Seerinde,' 70.
Cellepora radiata, Risso, Eur. Mér. v. 337.
——— Lamx. P. C. F. 92. (41.)

CRIBRILINA RADIATA, Moll (*continued*)—

Cellepora radiata, Lamx. Ency. méth. xiv. 183.
——— d'Orbigny, P. F. T. C. 401.
Flustra Pouilletii, Savigny, Zool. Egypt. Plate ix. fig. 12.
——— Audouin, Expl. 68.
Membranipora Pouilletii, Audouin; Seg. Form. terz. Reggio, 80, 197.
——— Busk, Q. J. M. S. viii. 145.
Lepralia Pouilletii, Busk, Q. J. M. S. vii. 66.
Lepralia innominata, Busk, B. M. C. ii. 79.
——— Busk, Q. J. M. S. viii. 283.
——— Johnston, B. Z. ed. 2. 319.
——— Couch, Corn. Faun. iii. 114.
——— Hincks, A. M. N. H. 3. ix. 203.
——— Landsb. B. Z. 322.
——— Gray, B. M. C. i. 121.
——— Waters, 'Bruccoli,' 7.
——— Busk, Crag Pol. 40.
——— Seguenza, Form. terz. Reggio, 83, 200, 295, 328, 368.
——— Manzoni, Supp. Bry. Med. 4.
——— Manzoni, 'Castrocaro,' 17.
——— Manzoni, 'Rhodes,' 65.
——— Manzoni, Bry. plioc. It. i. 8. Plate ii. fig. 13.
Lepralia annulata, Heller, Bry. Adr. 1867. 109.
——— Manzoni, Supp. Bry. Med. 4. [H.]
Cribrilina annulata, var. *innominata*, Waters, A. M. N. H. 5. iii. 35.
Cribrilina innominata, Smitt, F. B. ii. 22.
Escharipora innominata, Fischer, Bry. Sud-ouest France, 18.
Lepralia scripta, Rss.; Manzoni, Supp. Bry. Med. 5. [H.]
——— Manzoni, Bry. plioc. It. iii. 4.
——— Manzoni, 'Castrocaro,' 18.
——— Reuss, Sitz. Ak. Wissen. i. 28. Plate xv. fig. 3.
——— Reuss, 'Septarienthon.' 58.
——— Reuss, 'Oberoligocän,' 29.
——— Reuss, Bri. foss. mioc. d'Aust. 25.
——— Gottardi, Bry. foss. Mont. Magg. 302.
——— Seguenza, Form. terz. Reggio, 83, 200, 295, 328, 368.
Cellepora scripta, Reuss, Wien. tert. 82.
——— d'Orbigny, P. F. T. C. 398.
Lepralia pectinata, Peach, m.s.
Lepralia scripta, Waters, 'Bruccoli,' 10.
Lepralia pretiosa, Reuss, 'Septarienthon.' 59. Plate viii. fig. 4. [H.]
Lepralia calomorpha, Reuss, 'Septarienthon.' 62. Plate xi. fig. 10.
——— Gottardi, Bry. foss. Mont. Magg. 302. [H.]
Lepralia raricosta, Reuss, Bry. foss. mioc. d'Aust. 26. Plate i. fig. 8. [H.]

CRIBRILINA RADIATA, Moll (*continued*)—
Lepralia raricosta, Manzoni, 'Castrocaro,' 28.
——— Seguenza, Form. terz. Reggio, 203.
Lepralia cribrillina, Manzoni, 'Castrocaro,' 27. Plate iii. fig. 40. [P.]
——— Seguenza, Form. terz. Reggio, 203. [P.]
Lepralia mitrata, Seguenza, Form. terz. Reggio, 203. [P.]
Lepralia elegantissima, Seguenza, Form. terz. Reggio, 83. [W.]
Cellepora megacephala, Reuss, Wien. tert. 83.
——— d'Orbigny, P. F. T. C. 398.
Reptescharella costata, d'Orbigny, P. F. T. C. 470. [P.]
Reptescharella pygmæa, d'Orbigny, P. F. T. C. 468. [H.]
? *Reptescharella radiata*, d'Orbigny, P. F. T. C. 468. [H.]
Reptescharella Carolinensis, Gabb and Horn, Jour. Ac. Phil. v. part 2. 136.
Lepralia planicosta, Seguenza, Form. terz. Reggio, 369.
? *Lepralia multiradiata*, Reuss, 'Oberburg,' 31. [H.]
? ——— Reuss, Palæontol. Stud. ii. 43. [H.]

485*a*. C. RADIATA, var. Hincks, A. M. N. H. 5. vi. 6.

485*b*. C. RADIATA, var. *α*. Hincks, B. M. P. 186.

485*c*. C. RADIATA, var. *β*. Hincks, B. M. P. 186.

485*d*. C. RADIATA, var. TENUIROSTRIS, Hks. B. M. P. 187.

485*e*. C. RADIATA, var. FLABELLIFERA, Kirkp. A. M. N. H. 6. i. 75.

486. CRIBRILINA SCUTULATA, Busk.
Lepralia scutulata, Busk, Q. J. M. S. iii. 255.
Discopora scutulata, Smitt, K. S. B. 1867. 25.

487. CRIBRILINA SETIROSTRIS, MacGill. Descr. new Pol. iii. 1.
——— MacGill. C. V. 22.

488. CRIBRILINA SPECIOSA, Hincks, A. M. N. H. 5. viii. 56.
——— Hincks, Lit. Phil. Soc. Liver. Ap. 1881. 10.

489. CRIBRILINA TUBULIFERA, Hincks, A. M. N. H. 5. viii. 56.
——— Hincks, Lit. Phil. Soc. Liver. Ap. 1881. 10.
——— Waters, 'Muddy Creek,' 436.
——— Waters, A. M. N. H. 5. xx. 187.

490. CRISIA ACROPORA, Busk, B. M. C. iii. 6.
——— Busk, Voy. Ratt. i. 351.
——— Busk, 'Challenger,' l. 6.
——— McCoy, P. Z. V. decade iv. 38.
——— MacGill. C. V. 31.

491. CRISIA ACUMINATA, Busk, 'Challenger,' l. 6.

492. CRISIA ATTENUATA, Heller, Bry. Adr. 1867. 117.
——— Busk, B. M. C. iii. 8.

Pergens unites the *C. attenuata* of Heller with *C. eburnea*, and Waters unites it with the *C. elongata* of M. Edwards.

493. CRISIA BICILIATA, MacGillivray, Descr. new Pol. Nov. 1868. 16.
——— MacGill. C. V. 30.
——— McCoy, P. Z. V. decade iv. 37.
——— Busk, B. M. C. iii. 9.
——— Busk, 'Challenger,' l. 3.

494. CRISIA CALIFORNICA, d'Orbigny, P. F. T. C. 599.
——— Busk, B. M. C. iii. 8.

495. CRISIA CONFERTA, Busk, B. M. C. iii. 7.
——— Busk, 'Challenger,' l. 7.

496. CRISIA CORNUTA, Linn.; Hincks, B. M. P. 419.
——— Hassall, A. M. N. H. vi. 170.
——— Thomp. A. M. N. H. x. 23.
——— Waters, A. M. N. H. 5. iii. 268.
——— Couch, 'Zoologist,' ii. 1095.
——— Couch, Corn. Faun. iii. 97.
——— Johnston, B. Z. ed. 1. 260.
——— Pergens, Bry. env. Brest, 9.
——— Templ. Mag. N. H. ix. 469.
——— β. Smitt, K. S. B. 1864. 116.
Sertularia cornuta, Linn. Syst. Nat. ed. 10. 810.
——— Linn. Syst. Nat. ed. 12. 1316.
——— Linn. Syst. Nat. ed. Gmel. 3861.
——— Linn. Turton, iv. 686.
——— Esper, Pflanzen. Plate xix. fig. 1.
——— Stewart, Elem. ii. 449.
——— Berk. Syn. i. 220.
Eucratea cornuta, Lamx. Bull. Soc. Phil. No. 63. 136.
——— Lamx. P. C. F. 149.
——— Lamx. Expos. méth. 8.
——— Lamx. Ency. méth. xiv. 378.
——— Westendorp, Pol. Flex. Belg. Extr. 20.
——— Risso, Eur. Mérid. v. 319.
——— Cuvier, Règne An. ed. 2. iii. 303.
——— Guerin-Meneville, An. Cuv. x. 22.
——— Esper, Pflanzen. text. iii. 252.
——— Fleming, B. A. 541.
——— Temp. Lon. Mag. Nat. H. ix. 469.
——— Maitland, Faun. Belg. 65.

CRISIA CORNUTA, Linn. (*continued*)—
Falkaria cornuta, Gray, B. M. C. i. 137.
——— Oken, Lehr. Nat. Zool. Ab. 2. 91.
Cellaria cornuta, Lansweert, Zooph. litt. Belge, iii. 118.
——— Bosc, Hist. Nat. Vers, iii. 111.
——— Lamk. An. s. V. ed. 1. ii. 139.
——— Lamk. An. s. V. ed. 2. ii. 187.
——— Solander, Zooph. 25.
Crisidia cornuta, Johnston, B. Z. ed. 2. 287.
——— Landsb. B. Z. 284.
——— Gosse, Dev. Coast, 435.
——— Alder, T. T. F. C. 1857. 46.
——— Hincks, A. M. N. H. 3. ix. 470.
——— M. Edw. 'Recherches,' 11.
——— M. Edw. An. Sc. Nat. 2. ix. 204.
——— Busk, B. M. C. iii. 3.
——— d'Orbigny, P. F. T. C. 603.
Cellularia cornuta, Bruguière, Ency. méth. Vers, i. 442, 453.
——— Hogg, Nat. Hist. Stock. 35.
Unicellaria cornuta, Blainv. D. S. N. lx. 426.
——— Blainv. M. d'A. 462.
Eucratea appendiculata, Lamx. Expos. méth. 8.
——— Lamx. Ency. méth. xiv. 378.
Unicellaria appendiculata, Blainv. M. d'A. 462.
Crisidia appendiculata, d'Orbigny, P. F. T. C. 603.
Cellularia falcata, Pallas, Elenchus, 76.
——— Pallas, Elenchus, germ. ed. 111.
Corallina cellifera, Ellis, N. H. C. Eng. ed. 42.
——— Ellis, N. H. C. Fr. ed. 57.
Coralline à cornes de chèvre, Ellis, N. H. C. 57.
Goat's horn coralline, Ellis, N. H. C. 42.
——— Couch, Zooph. Cornw. 39.
——— Couch, Corn. Faun. iii. 97.
Geite hoorn korallijn, Ellis, bl. 53. No. 10. Plate xxi. fig. c, C.
——— Pallas, Plantd. bl. 93. No. 34.
Bokken-hoorn korallijn, Houttuyn, xvii. bl. 596. No. 40.

496*a*. C. CORNUTA, var. GENICULATA, Hincks, B. M. P. 419.
——— Busk, B. M. C. iii. 3.
Crisia geniculata, M. Edw. An. Sc. Nat. 2. ix. 197.
——— Johnston, B. Z. ed. 2. 286.
——— Gosse, Dev. Coast, 435.
——— Sars, Nyt. Mag. Nat. B.7. 379.
——— Gray, B. M. C. i. 136.
——— Landsb. B. Z. 283.
Filicrisia geniculata, d'Orbigny, P. F. T. C. 604.

C. CORNUTA, var. GENICULATA (*continued*)—
Crisia cornuta, form *sine cornibus*, Smitt, K. S. B. 1864. 115.
Tibiana sp. Lister, Phil. Trans. 1834. 385.
Crisia setacea, Couch, Zoologist, ii. 1096.
——— Landsb. B. Z. 284.
Crisidia setacea, Johnston, B. Z. ed. 2. 288.
——— Sars, Nyt. Mag. Nat. B.7. 387.

497. CRISIA CYLINDRICA, Busk, 'Challenger,' l. 7.

498. CRISIA DENTICULATA, M. Edwards, An. Sc. Nat. 2. ix. 201.
——— M. Edwards, Sur les Crisies, 9.
——— Johnston, B. Z. ed. 2. 284.
——— Landsb. B. Z. 282.
——— Gray, B. M. C. i. 136.
——— Gosse, Dev. Coast, 232.
——— Alder, T. T. F. C. 1857. 46.
——— Busk, B. M. C. iii. 4.
——— Busk, 'Challenger,' l. 4.
——— Sars, Nyt. Mag. Nat. B.6. 146.
——— Stimpson, Smithson Inst. 1853. 18.
——— Smitt, K. S. B. 1864. 117.
——— Smitt, F. B. i. 4. as '*eburnea*.'
——— Meneghini, Pol. Tubulip. Adr. 6.
——— Waters, A. M. N. H. 5. iii. 269.
——— Hincks, A. M. N. H. 3. ix. 470.
——— Hincks, B. M. P. 422.
——— Heller, Bry. Adr. 1867. 117.
——— Lamarck; Winther, Bry. Dan. sep. 8.
——— d'Orbigny, P. F. T. C. 599.
——— Vigelius, 'Wm. Barents,' 3.
——— Levinsen, 'Kara-Havet,' 21.
——— Pergens, Bry. mioc. Russ. Mérid. 1.
——— Pergens, Bry. Nord-ouest Méd. 6.
——— Pergens, Bry. env. Brest, 9.
——— Seguenza, Form. terz. Reggio, 371.
——— Pergens, 'Rhodes,' 4.
——— Manzoni, 'Rhodes,' 68.
——— Lorenz, 'Jan Mayen,' sep. 15.
——— Busk, Crag Pol. 93.
Crisia dentata, Busk, Q. J. M. S. vi. 129.
Crisia luxata, Fleming, B. A. 540.
——— Blainv. D. S. N. lx. 424.
——— Johnston, B. Z. ed. 1. 262.
——— Thomp. A. M. N. H. v. 252.
——— Hassall, A. M. N. H. vi. 170.
——— MacGill. A. M. N. H. ix. 466.

CRISIA DENTICULATA, M. Edwards (*continued*)—
Crisia luxata, Couch, Zooph. Cornw. 42.
——— Couch, Corn. Faun. iii. 99.
——— Blainv. M. d'A. 460.
Crisia cribraria, Stimpson, Smithson Inst. 1853. 18. [S.]
——— Stimpson, Mar. Inv. Gr. Manan, 18.
? *Crisia arctica*, Sars, Geol. og Zool. Ing. 1863. 31.
Cellaria denticulata, Lamk. An. s. V. ed. 1. ii. 137.
——— Lamk. An. s. V. ed. 2. ii. 182.
——— Blainv. M. d'A. 455.
Crisia Hörnesi, Reuss, Wien. tert. 54.
——— Reuss, 'Septarienthon.' 75.
——— d'Orbigny, P. F. T. C. 598.
——— Seguenza, Form. terz. Reggio, 84, 132, 208, 296.
Black-jointed Coralline, Couch, Corn. Faun. iii. 99.

498*a*. C. DENTICULATA, var. *a*. Hincks, B. M. P. 423.
Crisia denticulata, var. *tenuis*, Vigelius, 'Wm. Barents,' 4.

498*b*. C. DENTICULATA, var. GRACILIS, Busk, 'Challenger,' l. 5.

498*c*. C. DENTICULATA, var. PATAGONICA, d'Orb.; Busk, 'Challenger,' l. 5.
Crisia patagonica, d'Orbigny, Voy. Am. 7.
——— d'Orbigny, P. F. T. C. 599.
——— Busk, B. M. C. iii. 8.
——— Hutton, N. Z. Cat. 195.

499. CRISIA EBURNEA, Linn.; Hincks, B. M. P. 420.
——— Hincks, A. M. N. H. 3. ix. 470.
——— Ellis, N. H. C. Plate xxi. fig. a. A.
——— Fleming, B. A. 540.
——— Temp. Lon. Mag. Nat. Hist. ix. 468.
——— Johnston, B. Z. ed. 1. 262.
——— Johnston, B. Z. ed. 2. 283.
——— MacGill. A. M. N. H. ix. 466.
——— Hyndman, A. M. N. H. x. 20.
——— Reid, A. M. N. H. xvi. 385.
——— Landsb. B. Z. 281.
——— Couch, Zooph. Cornw. 41.
——— Couch, Corn. Faun. iii. 99.
——— Busk, B. M. C. iii. 4.
——— Busk, Q. J. G. Soc. xxi. 394.
——— Lamx. P. C. F. 138.
——— Lamx. Expos. méth. 6.
——— Lamx. Ency. méth. xiv. 224.
——— Cuvier, Règne An. ed. 2. iii. 302.
——— Heller, Bry. Adr. 1867. 118.

CRISIA EBURNEA (*continued*)—
——— Vigelius, Bry. 'Oosterschelde,' Supp. i. 548.
——— Levinsen, 'Kara-Havet,' 21.
——— Winther, Bry. Danmark, sep. 3.
——— Freese, Bry. Ostsee, 30.
——— Westendorp, Pol. Flex. Belg. Extr. 18.
——— d'Orbigny, P. F. T. C. 598.
——— Seguenza, Form. terz. Reggio, 132, 330, 371.
——— V. Ben. 'Recherches,' xviii. 28.
——— Blainv. D. S. N. lx. 424.
——— Blainv. M. d'A. 460.
——— Sars, N. Mag. Nat. B.7. 379.
——— Smitt, K. S. B. 1864. 117.
——— Fischer, Bry. Sud-ouest France, 8.
——— Joliet, Arch. Zool. Exper. et Gen. vi.
——— Esper. Pflanzen. iii. 261.
——— Risso, Eur. Mér. v. 318.
——— Lansweert, Zooph. litt. Belge, iii. 118.
——— Maitland, Faun. Belg. sep. 67.
——— Meneghini, Pol. Adr. 6.
——— Pergens, Bry. env. Brest, 9.
——— Pergens, Bry. Nord-ouest Méd. 6.
——— Pergens, Bry. mioc. Russ. Mérid. 1.
——— Pergens, 'Rhodes,' 3.
——— Manzoni, 'Rhodes,' 67.
——— Manzoni, Bry. mioc. d'Aust. iii. sep. 3.
——— Lorenz, 'Jan Mayen,' sep. 15.
——— Packard, Inv. Faun. Labr. i. 2. 272.
——— Verrill, R. I. V. S. Extr. 413.
——— Gosse, Dev. Coast, 435.
——— Alder, T. T. F. C. 1857. sep. 46.
——— Alder, T. T. F. C. 1863. 289.
——— Ten.-Woods, Tr. Roy. Soc. Vic. vi. 5.
——— Etheridge, Synop. Aus. tert. pol. 12.
——— form *eburnea*, Smitt, Recensio, 23.
Sertularia eburnea, Linn. Syst. Nat. ed. 10. 810.
——— Linn. Syst. Nat. ed. 12. 1316.
——— Linn. Syst. Nat. ed. Gmel. 3861.
——— Linn. Turton, iv. 686.
——— Stewart, Elem. ii. 449.
——— Esper, Pflanzen. Sert. Plate xviii. fig. 1-3.
——— Berk. Syn. i. 220.
——— Turton, Brit. Faun. 217.
——— Jameson, Wern. Mem. i. 565.
Sertolario d'Avorio, Cavolini, Mem. Pol. mar. 240.
——— Cavolini, ed. Sprengel, 112.

CRISIA EBURNEA (*continued*)—
Cellaria eburnea, Solander, Zooph. 24.
——— Bosc, Vers, iii. 111.
——— Lamk. An. s. V. ed. 1. ii. 138.
——— Lamk. An. s. V. ed. 2. ii. 184.
——— Johnston, Trans. N. H. Soc. Newc. ii. 262.
Cellularia eburnea, Pallas, Elenchus, 75.
——— Pallas, Elenchus, ed. Wilckens, 110.
——— Bruguière, Ency. i. 442 et 452.
——— Hogg, Nat. Hist. Stock. 35.
Crisia gracilis, Römer, Nord-deutsch. tert. 221.
Coralline à touffe, couleur d' ivoire, Ellis, N. H. C. 54.
Corallina cellifera, Ellis, N. H. C. Eng. ed. 39.
——— Ellis, N. H. C. Fr. ed. 54.
Tufted Ivory Coralline, Ellis, N. H. C. 39.
——— Couch, Corn. Faun. iii. 99.
Kuifachtig ivoor-koraal, Ellis, bl. 51. No. 6. Plate xxi. a. A.
——— Pallas, Plantd. bl. 92. No. 33.
Ijvoor-korallijn, Houttuyn, xvii. bl. 594. No. 39.
Ivoor-korallijn, Benn. en Oliv. xv. 2. bl. 199. No. 29.

499*a*. C. EBURNEA, var. ACULEATA, HASSALL; Hks. B. M. P. 421.
——— Busk, B. M. C. iii. 4.
Crisia aculeata, Hassall, A. M. N. H. vi. 170.
——— Hassall, A. M. N. H. vii. 366.
——— Johnston, B. Z. ed. 2. 285.
——— Landsb. B. Z. 282.
——— Gray, B. M. C. i. 136.
Crisia eburnea, M. Edw. An. Sc. N. 2. ix. 198.
——— M. Edw. Sur les Crisies, 6.
Crisia aculeata, Busk, B. A. Rep. 1859. 146.
Crisia eburnea, β. cornuta, Smitt, K. S. B. 1864. 117.

499*b*. C. EBURNEA, var. LAXA, BUSK, 'Challenger,' l. 4.

499*c*. C. EBURNEA, var. PRODUCTA, SMITT; Hincks, B. M. P. 421.
——— Norman, B. A. Rep. 1868. 309.
——— Freese, Bry. Ostsee, 31.
Crisia producta, Busk, B. M. C. iii. 10.
——— Smitt, K. S. B. 1864. 116.
——— Vigelius, 'Wm. Barents,' 2.
——— Winther, Bry. Danmark, sep. 3.
——— Waters, A. M. N. H. 5. iii. 268.

'The position of this form is doubtful. Busk makes it a variety of *C. cornuta;* Norman refers it to *eburnea;* Smitt places it between the two.'—HINCKS, l. c. 422.

500. CRISIA EBURNEO-DENTICULATA, Smitt, m.s.; Busk, B. M. C. iii. 5.
——— Vigelius, 'Wm. Barents,' 4.
Crisia eburnea, (*var.*) Smitt, K. S. B. 1864. 142. Plate xvi. fig. 9, 10, 11. [B.]

501. CRISIA EDWARDSIANA, d'Orbigny; Busk, B. M. C. iii. 5.
——— Busk, 'Kerguelen,' sep. 5.
——— Waters, A. M. N. H. 5. xx. 254.
——— Jullien, 'Cap Horn,' 81.
——— Hutton, N. Z. Cat. 195.
——— MacGill. C. V. 30.
——— McCoy, P. Z. V. decade iv. 37.
Crisidia Edwardsiana, d'Orbigny, Voy. Am. 7.
Bicrisia Edwarsiana, d'Orbigny, P. F. T. C. 601.

502. CRISIA ELEGANS, Lamx. Expos. méth. 6.
——— Lamx. Ency. méth. xiv. 226.

503. CRISIA ELONGATA, M. Edw. Sur les Crisies, 10.
——— M. Edw. An. Sc. Nat. 2. ix. Plate vii. fig. 2.
——— Busk, B. M. C. iii. 5.
——— Busk, 'Challenger,' l. 5.
——— Waters, A. M. N. H. 5. iii. 269.
——— d'Orbigny, P. F. T. C. 599.
——— Pergens, 'Rhodes,' 4.
——— Manzoni, 'Rhodes,' 68.
——— Seguenza, Form. terz. Reggio, 330.

503*a*. C. ELONGATA, var. ANGUSTATA, Waters, A. M. N. H. 5. iii. 269.
Crisia fistulosa, Busk, non Heller, B. M. C. iii. 5. [W.]
? *Crisia Edwardsii*, Reuss, Wien. tert. 53. [W.]
? ——— Reuss, 'Septarienthon.' 75.
? ——— Reuss, Palæont. Stud. Ab. 2. 67.
? ——— Reuss; d'Orbigny, P. F. T. C. 598.
? ——— Reuss; Seguenza, Form. terz. Reggio, 84, 132, 208, 296.
? ——— Manzoni, Bri. mioc. d'Aust. iii. 4. [W.]

504. CRISIA FISTULOSA, Heller, Bry. Adr. 1867. 118.
——— Waters, A. M. N. H. 5. iii. 268.
——— Pergens, Bry. Nord-ouest Méd. 6.
——— Seguenza, Form. terz. Reggio, 208, 296, 330, 371.
Crisia Haueri, Reuss, Wien. tert. 54.
——— Reuss, 'Septarienthon.' 76.
——— Reuss, 'Oberoligocän,' ii. 54.
——— d'Orbigny, P. F. T. C. 598.
? *Crisia eburnea*, Manzoni, Bri. mioc. d'Aust. iii. 3.

505. CRISIA HOLDSWORTHII, Busk, B. M. C. iii. 7.
——— Busk, 'Challenger,' l. 6.

506. CRISIA INCURVA, Haswell, Proc. Lin. Soc. of N.S.W. iv. 355.

507. CRISIA KERGUELENSIS, Busk, A. M. N. H. 4. xvii. 117.
——— Busk, 'Kerguelen,' sep. 5.

508. CRISIA MARGARITACEA, Busk, B. M. C. iii. 6.
——— MacGill. C. V. 31.
Crisia denticulata, Busk, Voy. Ratt. i. 351.

509. CRISIA MARTINICENSIS, d'Orbigny, P. F. T. C. 599.
——— Busk, B. M. C. iii. 8.

510. CRISIA PUNCTATA, d'Orbigny; P. F. T. C. 600.
——— Busk, B. M. C. iii. 8.
? *Crisia Sinclarensis*, Busk, B. M. C. iii. 6.

511. CRISIA PUNCTIFERA, Haswell, Proc. Lin. Soc. of N.S.W. iv. 355.

512. CRISIA RECURVA, Heller, Bry. Adr. 1867. 118.
——— Busk, B. M. C. iii. 9.

513. CRISIA SERTULAROIDES, d'Orbigny, P. F. T. C. 599.
——— Busk, B. M. C. iii. 7.
Proboscina sertularoides, Savigny, Zool. Egypt. Plate vi. fig. 6.
——— Audouin, Expl. 60.

514. CRISIA SETOSA, MacGillivray, Descr. new Pol. Nov. 1868. [16.
——— MacGill. C. V. 31.
——— McCoy, P. Z. V. decade iv. 39.
——— Busk, B. M. C. iii. 9.

515. CRISIA SINCLARENSIS, Busk, B. M. C. iii. 6.

516. CRISIA SINENSIS, d'Orbigny, P. F. T. C. 599.
——— Busk, B. M. C. iii. 8.
? *Crisia elongata*, M. Edw. Sur les Crisies, 202. [B.]

517. CRISIA SPINOSA, Lamx. Ency. méth. xiv. 225.
Crisia muricata, Lamx. P. C. F. 140. (60.)

518. CRISIA TENUIS, MacGillivray; McCoy, P. Z. V. decade iv. [39.
——— MacGill. C. V. 31.

519. CRISIA TERRÆ-REGINÆ, Haswell, Proc. Lin. Soc. of N.S.W. v. part 1.

520. CRISIA TUBULOSA, Busk, B. M. C. iii. 7.

521. CRISINA CRASSIPES, Jullien, 'Travailleur,' 3.

522. CRISINA HOCHSTETTERIANA, Stoliczka, 'Orakei bay,'
——— Smitt, F. B. i. 6. [113.
Idmonea Hochstetteriana, Waters, Bry. foss. Aus. Cyclos. 684.

523. CRYPTOZOON CONCRETUM, Dendy, Proc. Roy. Soc. Vic. 1889.

524. CRYPTOZOON WILSONI, Dendy, Proc. Roy. Soc. Vic. 1889.

525. CUPULARIA CANARIENSIS, Busk, Crag Pol. 87.
——— Waters, 'Aldinga,' 308.
——— Waters, A. M. N. H. 5. xx. 201.
——— Waters, 'Challenger,' lxxix. 36.
——— Manzoni, 'Rhodes,' 67.
——— Manzoni, Bry. plioc. It. i. 10.
——— Manzoni, Bry. mioc. d'Aust. 24.
——— Pergens, 'Rhodes,' 31.
——— Seguenza, Form. terz. Reggio, 131, 371.
Membranipora canariensis, Busk, Q. J. M. S. vii. 66.
——— Smitt, F. B. ii. 10.
Cupularia monotrema, Busk, 'Challenger,' xxx. 207. [Kp.]
Cupularia guineensis, Busk, B. M. C. ii. 98. [W.]
——— Busk, 'Challenger,' xxx. 206.
Lunulites guineensis, Waters, 'Curdies Creek,' 344.
Cupularia stellata, Busk, B. M. C. ii. 99. [W.]
? *Cupularia Haidingeri*, Reuss; Manz. Bry. mioc. d'Aust. Plate xvi. fig. 54. [P.]

526. CUPULARIA COMPLANATA, d'Orbigny.
Discoflustrella complanata, d'Orbigny, P. F. T. C. 562.

527. CUPULARIA PYRIFORMIS, Busk, B. M. C. ii. 100.

528. CUPULARIA REUSSIANA, Manzoni, Bry. plioc. It. i. 27.
——— Manzoni, 'Rhodes,' 67.
——— Waters, 'Bruccoli,' 16.
——— Seguenza, Form. terz. Reggio, 131, 203.
Cupularia doma, Smitt, F. B. ii. 15.
? *Discoflustrella doma*, d'Orbigny, P. F. T. C. 561. [16.
Trocopora brutia, Costa; ? if published. See Waters, 'Bruccoli,'

529. CUPULARIA UMBELLATA, Defrance; Smitt, F. B. ii. 14.
——— Manzoni, 'Castrocaro,' 39.
——— Manzoni, Bry. plioc. It. i. 26.
——— Pergens, 'Rhodes,' 30.
——— Hincks, Jour. Lin. Soc. xxi. 128.
——— Seguenza, Form. terz. Reggio, 131, 296?, 371.
Lunulites umbellata, Defrance, D. S. N. xxvii. 361.
——— Blainv. D. S. N. Atlas, Plate xlvii. fig. 1.

CUPULARIA UMBELLATA, DEFRANCE (*continued*)—
Discoporella umbellata, d'Orbigny, P. F. T. C. 473.
? *Discoporella Berardana*, d'Orbigny, P. F. T. C. 474.
Lunulites denticulata, Conrad, Silliman's Jour. xli. 348. [P.]
——— Lonsdale, Ac. of 10 spec. etc. 503. [P.]
Discoporella denticulata, Gabb and Horn. Sec. et tert. N. Am. 142. [P.]
Cupularia denticulata, Busk, Crag Pol. 85.
Cupularia Owenii, Gray; Busk, B. M. C. ii. 99. [P.]
——— Busk, 'Challenger,' xxx. 207.
——— S. Wood, A. M. N. H. xiii. 18. [P.]
——— Seguenza, Form. terz. Reggio, 371.
Lunulites Owenii, Gray, Spicilegia Zoologica, i. 8.
Cupularia Johnsoni, Busk, Q. J. M. S. vii. 67. [P.]
Cupularia Lowei, Gray; Busk, J. M. S. vi. 128.
——— Busk, B. M. C. ii. 99. [P.]
Lunulites Lowei, Gray, m.s.
Cupularia intermedia, Manzoni, Bry. plioc. It. ii. 10. [P.]
——— Manzoni, Bry. plioc. It. iii. 10.
——— Manzoni, 'Castrocaro,' 39.
? *Lunulites alveolatus*, S. Wood, A. M. N. H. xiii. 18.
? *Lunulites intermedia*, Michelotti, Spec. zooph. diluv. 193.

530. CYCLICOPORA LONGIPORA, MACGILL. sp.; McCoy, P.Z.V. decade xii. 66.
——— MacGill. C. V. 26.
Cyclicopora prælonga, Hincks, A. M. N. H. 5. xiv. 279.
Lepralia longipora, MacGillivray, Descr. new Pol. ii. 6.
——— Waters, Tert. Bry. N. Z. 61.

531. CYLINDRÆCIUM ALTUM, KIRKPATRICK, A. M. N. H. 6. ii. 19.

532. CYLINDRÆCIUM DILATATUM, HINCKS, B. M. P. 536.
——— Lorenz, 'Jan Mayen,' sep. 17.
Avenella dilatata, Hincks, A. M. N. H. 3. ix. 473. sep. 60.
Farrella dilatata, Hincks, Proc. Dub. U. Zool. Bot. Assoc. ii. part 1. 78.
——— Hincks, Q. J. M. S. viii. 279.
Avenella fusca, Alder, T. T. F. C. supp. 69.
——— Norman, B. A. Rep. 1867. 311.
Farrella fusca, Busk, Q. J. M. S. iv. 93.
Vesicularia fusca, form *simplex*, Smitt, K. S. B. 1865. 502.
Cylindræcium fuscum, Busk (pars).

533. CYLINDRÆCIUM GIGANTEUM, BUSK; Hks. B. M. P. 535.
Farrella gigantea, Busk, Q. J. M. S. iv. 93.
——— Gosse, Mar. Zool. ii. 22.

CYLINDRÆCIUM GIGANTEUM, Busk (*continued*)—
Avenella gigantea, Hincks, A. M. N. H. 3. ix. 473. sep. 59.
Cylindræcium giganteum, Hincks, Jour. Lin. Soc. xxi. 128.
——— Hincks, A. M. N. H. 5. xix. 311.

534. CYLINDRÆCIUM PAPUENSE, Busk, 'Challenger,' l. 38.
——— Kirkpatrick, A. M. N. H. 6. ii. 20.

535. CYLINDRÆCIUM PUSILLUM, Hincks, B. M. P. 537.

535*a*. C. PUSILLUM, var. 'DWARF,' Hincks, B. M. P. 538.

536. DECURTARIA, genus only, Jullien, Bull. Soc. Zool. France, vi. sep. 13.

537. DEDALÆA MAURITIANA, Quoy and Gaim, Voy. 'Uranie,' iii. 291.
——— Quoy and Gaim, Voy. 'Astrolabe,' Atlas, last plate.
——— Quoy and Gaim, Abhdl. phys. Kl. 1869. No. 4.
——— d'Orbigny, P. F. T. C. 595.

538. DEFRANCEIA DENTATA, Hutton, N. Z. Cat. 199.
Tubulipora stellata, Hutton, C. M. M. 103.

539. DEFRANCEIA LUCERNARIA, Sars, Beskr. Norsk. Pol. V. S. Forh. lxii. 26.
——— Smitt, K. S. B. 1865. 408.
——— Busk, B. M. C. iii. 36.
——— Peach, Jour. Linn. Soc. Zool. xiii. 485.
Tubulipora lucernaria, Sars, Reise Lof. Finm. 145. sep. 25.
Defrancia truncata, Busk, A. M. N. H. 2. xviii. 35. [B.]
Discofascigera cupula, d'Orbigny, P. F. T. C. 675. [B.]
Domopora lucernaria, Levinsen, 'Kara-Havet,' 22.

540. DEFRANCIA INTRICATA, Busk, Q. J. M. S. iv. 179.
——— Bk. in Carpenter's Cat. Mazat. Moll. 6.

541. DEFRANCIA STRIATULA, Busk, Crag Pol. 117.
——— Waters, 'Challenger,' lxxix. 41.

542. DIASTOPORA BICOLOR, MacGillivray, Descr. new Pol. viii. 6.
——— MacGill. Tr. Roy. Soc. Vic. 1884.
——— MacGill. C. V. 32.
——— McCoy, P. Z. V. decade xv. 180.

543. DIASTOPORA CAPITATA, MacGillivray, Descr. new Pol. x. 3.
——— MacGill. Tr. Roy. Soc. Vic. 1886.
——— MacGill. C. V. 32.
——— McCoy, P. Z. V. decade xv. 180.

544. DIASTOPORA CONGESTA, d'Orbigny, P. F. T. C. Plate dcxl. fig. 1–3.
——— d'Orbigny, Prodr. pal. strat. 266.
——— Busk, B. M. C. iii. 29.
——— Reuss, Bohème. Kreide, Plate xv. fig. 42.
——— ? d'Orb.; Seguenza, Form. terz. Reggio, 213.
Diastopora glomerata, d'Orbigny, P. F. T. C. Plate dcxxxvi. fig. 7, 8.
——— d'Orbigny, Prodr. pal. strat. 266.
Diastopora confluens, Reuss, Bohème. Kreide, Plate xv, fig. 41.
——— d'Orbigny, Prodr. pal. strat.
Tubulipora congesta, Reuss, Bry. Kisch. 8. Plate ii. fig. 6, 7.
Reptomultisparsa congesta, d'Orbigny, P. F. T. C. 878.
Reptomultisparsa glomerata, d'Orbigny, P. F. T. C. 877.
? *Patinella proligera*, Busk, Crag Pol. 114. [B.]
? *Patinella proligera*, Bk.; Seguenza, Form. terz. Reggio, 86, 213.

545. DIASTOPORA CRISTATA, MacGillivray, Descr. new Pol. x. 2.
——— MacGill. Tr. Roy. Soc. Vic. 1886.
——— MacGill. C. V. 32.
——— McCoy, P. Z. V. decade xv. 179.

546. DIASTOPORA FLABELLUM, Reuss, Wien. tert. 51.
——— Waters, A. M. N. H. 5. iii. 273.
——— Waters, 'Bruccoli,' 17.
——— Manzoni, Bry. mioc. d'Aust. iii. 14.
——— Pergens, 'Tasmajdan,' sep. 5.
——— Seguenza, Form. terz. Reggio, 85, 213.
? *Diastopora simplex*, Smitt, K. S. B. 1865. 396.
Berenicea flabellum, d'Orbigny, P. F. T. C. 862.
Diastopora simplex, Busk, B. M. C. iii. 28. [W.]
——— Busk, Crag Pol. 113.
——— Seguenza, Form. terz. Reggio, 213, 330, 372.

'D. simplex, Busk. Io trovo i miei esemplari concordante colle figure delle colonie viventi date dal Busk, e non saprei associare questa forma alla *D. flabellum* Reuss, come fa il Waters.'—Seguenza.

547. DIASTOPORA INÆDIFICATA, Jullien, 'Travailleur,' 5.

548. DIASTOPORA LATOMARGINATA, d'Orbigny, P. F. T. C. [827.
——— Waters, A. M. N. H. 5. iii. 272.
——— Waters, A. M. N. H. 6. iv. 21.
——— Seguenza, Form. terz. Reggio, 212, 297, 330, 372.
Diastopora hyalina, var. *latomarginata*, Smitt, K. S. B. 1865. 397.
Discosparsa complanata, Heller, Bry. Adr. 1867. 122.
Tubulipora complanata, Meneghini, Pol. Adr. 5.
Discoporella complanata, Busk, B. M. C. iii. 33.

DIASTOPORA LATOMARGINATA, D'ORBIGNY (*continued*)—
Tubulipora concinna, MacGill.; Waters, A. M. N. H. 6. iv. 21. [W.]
——— MacGillivray, Descr. new Pol. vii. 3.
——— MacGill. Tr. Roy. Soc. Vic. xxi. 94.
——— MacGill. C. V. 32.
? *Diastopora sparsa*, Reuss, Wien. tert. 51.
? ——— Manzoni, Bry. mioc. d'Aust. iii. 14. [W.]
? ——— Seguenza, Form. terz. Reggio, 85, 133.
? *Berenicea sparsa*, d'Orbigny, P. F. T. C. 862.

549. DIASTOPORA NOVA, PERGENS, 'Faxe,' 18.
——— Pergens, An. Soc. R. M. Belg. xxi. 200.
Tubulipora congesta, Reuss, Wien. tert. 49. Plate vii. fig. 1, 3, non 2.
Diastopora congesta, Manzoni, Bry. mioc. d'Aust. iii. 14.

550. DIASTOPORA OBELIA, JOHNSTON, B. Z. ed. 2. 277.
——— Landsb. B. Z. 276.
——— Gosse, Mar. Zool. ii. 8.
——— Alder, T. T. F. C. 1857. 46.
——— Hincks, A. M. N. H. 3. ix. 467.
——— Hincks, B. M. P. 462.
——— Busk, B. M. C. iii. 28.
——— Waters, A. M. N. H. 5. iii. 273.
——— Busk, A. M. N. H. 2. xviii.
——— Busk, 'Norway dredgings,' 4.
——— Levinsen, 'Kara-Havet,' 21.
——— Heller, Bry. Adr. 1867. 123.
——— Vigelius, 'Wm. Barents,' 4.
——— Seguenza, Form. terz. Reggio, 372.
——— Sars, Reise Lof. Finm. 146.
——— Smitt, K. S. B. 1865. 10.
——— Lorenz, 'Jan Mayen,' sep. 16.
Tubulipora obelia, Johnston, B. Z. ed. 1. 269.
——— Couch, Zooph. Cornw. 47.
——— Couch, Corn. Faun, iii. 108.
——— Thompson, A. M. N. H. v. 252.
Obelia tubifera, Gray, Zool. Miscel. 35.
Berenicea hyalina, Fleming, B. A. 533.
——— Gray, B. M. C. 142.
Diastopora hyalina, Kirchenpauer, Cat. E. Grönl. 426.
Diastopora hyalina, form *obelia*, Winther, Bry. Danmark, sep. 8.
——— Smitt, K. S. B. 1866. 396.
Berenicea proeminens, Lamx. Expos. méth. 80. [B.]
——— Lamx. Ency. méth. xiv. 140.
——— Blainville, M. d'A. 445.
——— d'Orbigny, P. F. T. C. 862.

551. DIASTOPORA PATINA, Lamk.; Hincks, B. M. P. 458.
——— Hincks, A. M. N. H. 5. xix. 307.
——— Busk, B. M. C. iii. 28.
——— Busk, 'Challenger,' l. 24.
——— Ridley, 'Alert,' 56.
——— Smitt, K. S. B. 1865. 397.
——— Seguenza, Form. terz. Reggio, 212.
——— MacGill. C. V. 32.
——— McCoy, P. Z. V. decade xv. 182.
——— Fischer, Bry. Sud-ouest France, 8.
——— Levinsen, 'Kara-Havet,' 22.
——— Verrill, R. I. V. S. Extr. 413.
——— Waters, Bry. foss. Aus. Cyclos. 689.
——— Manzoni, 'Castrocaro,' 44.
——— form *juvenis* et *typica*, Smitt, K. S. B. 1865. 397.
Patinella patina, Busk, B. A. Rep. 1859. 147.
——— Hincks, A. M. N. H. ix. 468.
Patinella verrucaria, Gray, B. M. C. i. 137.
Discopora verrucaria, Fleming, B. A. 530.
Millepora verrucaria, Solander, Zooph. 137.
Tubulipora bellis, Thompson, m.s. sec Johnston.
Tubulipora patina, Thompson, A. M. N. H. v. 252.
——— Johnston, B. Z. ed. 2. 266.
——— Johnston, Trans. N. H. Soc. Newc. ii. 269.
——— Hassall, A. M. N. H. vi. 170.
——— MacGill. A. M. N. H. ix. 466.
——— Couch, Zooph. Cornw. 44.
——— Couch, Corn. Faun. iii. 103.
——— Landsb. B. Z. 270.
——— Gosse, Mar. Zool. ii. 8.
——— Alder, T. T. F. C. 1857. 45.
——— Blainv. M. d'A. 425.
——— Lamk. An. s. V. ed. 1. ii. 163.
——— Lamk. An. s. V. ed. 2. ii. 244.
——— Lamx. Ency. méth. xiv. 759.
——— Risso, Eur. Mér. v. 338.
——— Delonchamps, Ency. méth. 280.
——— Sars, Reise Lof. Finm. 145.
——— Packard, List Labr. M. A. 6.
——— Packard, Inv. Faun. Labr. i. 2. 269.
——— Lansweert, Zooph. litt. Belge, iii. 116.
——— Maitland, Faun. Belg. sep. 66.
Discosparsa marginata, d'Orbigny, P. F. T. C. 822.
Madrepora verrucaria β. Pallas, Elenchus, 281.
——— Forskal, Icones rerum nat. Plate xxvi. fig. d. D.
——— Linn. Syst. Nat. ed. Gmel. 3756.

DIASTOPORA PATINA, LAMK. (*continued*)—
Madrepora verrucaria, Linn. Turton, iv. 616.
——— Stewart, Elem. ii. 426.
——— Esper, Pflanzen. Plate xvii. fig. A.
——— Olivi, Zool. Adr. 218.
Caryophyllus sive Fungites, etc. Plancus, De Conchis, Plate ii. fig. 9.
Wrattige sterre-koraal, Pallas, Plantd. bl. 348. No. 164.
Wrattige madrepora, Houttuyn, xvii. bl. 107. No. 5.
Wart-like Coralline, Couch, Zooph. Cornw. 44.
——— Couch, Corn. Faun. iii. 103.

551*a*. D. PATINA, form RADIATA, Smitt, K. S. B. 1865. 397.
Patinella proligera, Busk, Crag Pol. 114. [S.]

552. DIASTOPORA SARNIENSIS, NORMAN, A. M. N. H. xiii. 9.
——— Norman, A. M. N. H. 3. xiii. 89.
——— Hincks, A. M. N. H. 4. viii. 81.
——— Hincks, B. M. P. 463.
——— Hincks, A. M. N. H. 5. xix. 308.
——— Peach, Roy. Inst. Cornw. xviii. sep. 3.
——— McCoy, P. Z. V. decade xv. 181.
——— MacGill. C. V. 32.
Diastopora hyalina, (pars) Smitt, K. S. B. 1865. 396.

553. DIASTOPORA SUBORBICULARIS, HINCKS, B. M. P. 464.
——— Waters, Bry. foss. Aus. Cyclos. 689.
——— Waters, Tert. Bry. N. Z. Cyclos. 342.
Diastopora obelia, (pars) Johnston, B. Z. ed. 2. 270.

554. DICTUONIA, genus only, JULLIEN, Bull. Soc. Zool. France, vi. sep. 13.

555. DIDYMIA SIMPLEX, BUSK, B. M. C. i. 35.
——— Busk, Voy. Ratt. 383.
——— Busk, 'Challenger,' xxx. 47.
——— Waters, A. M. N. H. 5. xx. 90.
——— Wyv. Thomp. Nat. Hist. Rev. v. 145.
——— McCoy, P. Z. V. decade v. 34.
——— MacGill. C. V. 15.

556. DIMETOPIA CORNUTA, BUSK, B. M. C. i. 35.
——— Busk, Voy. Ratt. 384.
——— Busk, 'Challenger,' xxx. 47.
——— Wyv. Thomp. Nat. Hist. Rev. v. 146.
——— McCoy, P. Z. V. decade v. 34.
——— MacGill. C. V. 10.
——— Hutton, N. Z. Cat. 189.

557. DIMETOPIA HIRTA, MACGILLIVRAY, Descr. new Pol. ix. 1.
——— MacGill. Tr. Roy. Soc. Vic. 1885.
Dimetopia hirsuta, MacGill. C. V. 10.

558. DIMETOPIA SPICATA, Busk, B. M. C. i. 35.
——— Busk, Voy. Ratt. 384.
——— McCoy, P. Z. V. decade v. 33.
——— MacGill. C. V. 10.
——— Hutton, N. Z. Cat. 189.
——— Pergens, Bull. Soc. R. M. Belg. xxii. sep. 5.
Neomeris infundibuliformis, Desm. and Les. Plate vi. fig. 2. [P.]

559. DIPLÆCIUM SIMPLEX, Kirkpatrick, A. M. N. H. 6. i. 73.

560. DIPLOPORELLA CINCTA, Hutton sp.; Waters, A. M. N. H. 5. xx. 185.
——— MacGill. Descr. new Pol. vii. 7.
——— MacGill. C. V. 21.
Diplopora cincta, MacGill. Tr. Roy. Soc. Vic. 1880. sep. 1.
Membranipora cincta, Hutton, Tr. Roy. Soc. Tasmania, 1877. 23.
Membranipora transversa, Hincks, A. M. N. H. 5. vi. 21.
——— Hincks, A. M. N. H. 5. vii. 41.

561. DIPORULA HASTIGERA, Busk; Waters, 'Challenger,' lxxix. [23.
Flustramorpha hastigera, Busk, 'Challenger,' xxx. 136.
Eschara hastigera, Busk, 'Challenger,' xxx. Plate xxi. fig. 7.
? *Porellina ciliata*, Smitt, F. B. 227. [B.]

562. DIPORULA VERRUCOSA, Peach; Hincks, B. M. P. 220.
——— Pergens, Bry. Nord-ouest Méd. 8.
Eschara verrucosa, Peach, Roy. Inst. Cornw. iii. 116.
——— Peach, Roy. Inst. Cornw. iv. 88.
——— Waters, A. M. N. H. 5. iii. 125.
——— Seguenza, Form. terz. Reggio, 329, 371.
Eschara lunaris, Waters, 'Bruccoli,' 11.

563. DISCOFASCIGERA CANDEANA, d'Orbigny, P. F. T. C. 670.

564. DOMOPORA ANNULATA, Busk, B. M. C. iii. 36.

565. DOMOPORA STELLATA, Goldfuss; Hincks, B. M. P. 481.
——— Peach, Jour. Lin. Soc. Zool. xiii. 484.
——— Lorenz, 'Jan Mayen,' sep. 17.
——— d'Orbigny, Prodr. pal. strat. ii. 267.
——— d'Orbigny, P. F. T. C. 988.
——— Simonowitsch, 'Bry. Grünsand.' 43. Plate ii. fig. 3. [Rss.]
Radiopora stellata, Goldf.; Reuss in Gein. Bry. Foram. etc. i. 128.
Ceriopora stellata, Goldfuss, Petrefac. i. 39. [H.]
——— Philippi, Tert. nordw. Deutschl. 36. [B.]
Defrancia stellata, Reuss, Wien. tert. 37. [H.]
——— Manzoni, Bry. mioc. d'Aust. iii. 16. [H.]
——— Busk, 'Norway dredg.' 1855. ii. 6.
——— Busk, A. M. N. H. 2. xviii. 36.

DOMOPORA STELLATA, Goldfuss (*continued*)—
Stellipora stellata, Hagenow, Bry. Maast. Kreid. 44.
Heteropora stellata, Römer, Verst. nordd. Kreid. 23. [Rss.]
Domopora truncata, Busk, B. M. C. iii. 35. [H.]
Coronopa truncata, Busk, B. A. Rep. 1859. 146.
——— Gray, B. M. C. i. 140.
——— Smitt, K. S. B. 1865. 408.
——— Sars, Reise Lof. Finm. 145.
Defrancia truncata, Sars, Beskr. Norsk. P. V. Selsk. F. lxii. 20.
——— Norman, B. A. Rep. 1868. 310.
Tubulipora truncata, Fleming, B. A. 529.
——— Blainville, M. d'A. 425.
——— (pars) Johnston, B. Z. ed. 2. 271. non Plate xxxiii. fig. 8–10.
——— (pars) Landsb. B. Z. 273. [H.]
? *Corymbopora fungiformis*, Smitt, K. S. B. 1866. 407.

566. DOMOPORA TRUNCATA, Jameson; Hks. B. M. P. 485.
——— Peach, Jour. Lin. Soc. Zool. xiii. 483.
——— Seguenza, Form. terz. Reggio, 214.
Millepora truncata, Jameson, Wern. Mem. i. 560.
? *Defrancia truncata*, Busk, 'Norway dredg.' 1855. ii. 4.
Tubulipora truncata, (pars) Johnston, B. Z. ed. 2. 271. Plate xxxiii. fig. 8-10.
——— (pars) Landsb. B. Z. 273.

567. ELECTRA CYLINDRACEA, Busk, 'Challenger,' xxx. 78.
——— Waters, 'Challenger,' lxxix. 12.
Electra cylindrica, Busk, 'Challenger,' xxx. Plate xxxiii. fig. 2.

568. ELZERINA MUTABILIS, Risso, Eur. Mér. v. 320.

569. ELZERINA VENUSTA, Risso, Eur. Mér. v. 319.

570. ENGINOMA VERMIFORMIS, Jullien, 'Travailleur,' 24.

571. ENTALOPHORA AFRICANA, d'Orbigny.
Claviclausa africana, d'Orbigny, P. F. T. C. 890.

572. ENTALOPHORA AUSTRALIS, Busk; MacGill. C. V. 32.
Pustulopora australis, Busk, B. M. C. iii. 21.
——— Busk, Voy. Ratt. i. 350.

573. ENTALOPHORA BORYI, Savigny.
Proboscina Boryi, Savigny, Zool. Egypt. Plate vi. fig. 4.
——— d'Orbigny, P. F. T. C. 847.
Proboscina Lamourouxi, Savigny, Zool. Egypt. Plate vi. fig. 5.

574. ENTALOPHORA CLAVATA, Busk; Hincks, B. M. P. 456.
——— Lorenz, 'Jan Mayen,' sep. 16.
——— Levinsen, 'Kara-Havet,' 21.

ENTALOPHORA CLAVATA, Busk (*continued*)—
Pustulopora clavata, Peach, Jour. Roy. Inst. Cornw. iv.
——— Busk, Crag Pol. 107.
——— Pergens, 'Rhodes,' 8.
——— Seguenza, Form. terz. Reggio, 211.
Pustulipora deflexa, (pars) Hincks, A. M. N. H. 3. ix. 306. sep. 50.

575. ENTALOPHORA CLAVÆFORMIS, Busk.
Pustulopora clavæformis, Busk, B. M. C. iii. 22.

576. ENTALOPHORA DEFLEXA, Smitt, F. B. i. 11.
——— Manzoni, 'Rhodes,' 70.
Pustulopora deflexa, Heller, Bry. Adr. 125.
——— Pergens, 'Rhodes,' 7.
——— Busk, 'Challenger,' I. 20.
——— Marion, Ann. Sci. Nat. 6. viii. 1.
? ——— Joliet, Bry. France, 94.

'Non *Pustulopora deflexa*, Seguenza; non *Stomatopora deflexa*, Hincks; non *Tubulipora deflexa*, Couch, Johnston, Waters.—See Pergens, l.c.

577. ENTALOPHORA DELICATULA, Busk; MacGill. C. V. 32.
Pustulopora delicatula, Busk, B. M. C. iii. 20.
——— Busk, 'Kerguelen,' sep. 6.

578. ENTALOPHORA FRAGILIS, Haswell; Waters, A. M. N. H. 5. xx. 259.
Pustulopora fragilis, Haswell, Proc. Lin. Soc. of N.S.W. v. Part 1.

579. ENTALOPHORA GALLICA, d'Orbigny, P. F. T. C. 781.
Pustulopora gallica, Busk, B. M. C. iii. 22.

580. ENTALOPHORA HAASTIANA, Stoliczka, 'Orakei bay,' 102.
——— Hutton, N. Z. Cat. 197.

581. ENTALOPHORA INDICA, d'Orbigny, P. F. T. C. 781.
Pustulopora indica, Busk, B. M. C. iii. 22.

582. ENTALOPHORA INTRICARIA, Busk; Waters, Tert. Bry. N. Z. Cyclos. 340.
Pustulopora intricaria, Busk, B. M. C. iii. 22.
——— Haswell, Proc. Lin. Soc. of N.S.W. iv. 352.

583. ENTALOPHORA PARASITICA, Busk; Kirkpatrick, A.M.N.H. 6. ii. 15.
Pustulopora parasitica, Busk, B. M. C. iii. 21.
——— Haswell, Proc. Lin. Soc. of N.S.W. iv. 353.
Pustulipora parasitica, Hutton, N. Z. Cat. 197.

584. ENTALOPHORA PURPURASCENS, HUTTON.
Pustulipora purpurascens, Hutton, Tr. N. Z. Inst. ix. 361.
——— Hutton, N. Z. Cat. 198.

585. ENTALOPHORA RARIPORA, D'ORBIGNY, Prodr. pal. strat. 267.
——— d'Orbigny, P. F. T. C. 787.
——— Beissel, Aach. Kreid. 82. [W.]
——— Novak (pars), Bry. Böhm. 32. [W.]
——— Waters, Bry. foss. Aus. Cyclos. 686.
Entalophora santonensis, d'Orbigny, P. F. T. C. Plate dcxxiii. fig. 15–17. [d'O.]
Pustulipora nana, Hagenow, Bry. Maast. Kreid. 17. [d'O.]
Pustulipora rustica, Hagenow, Bry. Maast. Kreid. 17. [d'O.]
Pustulipora virgula, Hagenow, Bry. Maast. Kreid. 17. [W.]
Entalophora virgula, Marsson, Bry. weiss. Schreib. Rügen, 20.
——— Reuss in Gein. Bry. Foram. unt. plän. i. 116.
Entalophora icaunensis, d'Orbigny, P. F. T. C. 781. [W.]
Entalophora attenuata, Stoliczka, 'Latdorf,' 77.
——— Seguenza, Form. terz. Reggio, 85, 132.
——— Reuss, 'Crosaro,' 74.
——— Gottardi, Bry. foss. Mont. Magg. 300.
Entalophora anomala, Manzoni, Bry. mioc. d'Aust. iii. 10. [W.]
——— Seguenza, Form. terz. Reggio, 85, 211, 297.
——— Gottardi, Bry. foss. Mont. Magg. 300.
Pustulopora anomala, Reuss, Wien. tert. 41.
Entalophora virgula, Reuss, in Gein. Elbthal. ii. 133.
Entalophora Haastiana, Stoliczka, 'Orakei bay,' 102. [W.]
Entalophora subgracilis, d'Orbigny, Prodr. pal. strat. ii. 267. [P.]
——— d'Orbigny, P. F. T. C. 788.
Entalophora laxipora, d'Orbigny, Prodr. pal. strat. i. 318. [P.]
Entalophora filiformis, d'Orbigny, P. F. T. C. 791. [P.]
Entalophora carantina, d'Orbigny, P. F. T. C. 784. [P.]
Proboscina alternata, d'Orbigny, P. F. T. C. 857. [P.]
Entalophora proboscidea, Waters, A. M. N. H. 5. iii. 274.
——— Pergens, Bry. Nord-ouest Méd. 6.
——— Pergens, Bry. mioc. Russ. Mérid. 2.
——— Pergens, Wola Lu'zanska, 64.
——— Fischer, Bry. Sud-ouest France, 9.
——— d'Orbigny, Prodr. pal. strat. ii. 397.
——— d'Orbigny, P. F. T. C. 780.
——— Vine, Notes on Pol. Caen, etc. 8.
Pustulopora proboscidea, M. Edw. An. sc. n. ix. 27. Plate xii. fig. 2.
——— Busk, B. M. C. iii. 21.
——— Busk, 'Challenger,' l. 19.
——— Heller, Bry. Adr. 1867. 125.
——— Meneghini, Pol. Adr. 16.

ENTALOPHORA RARIPORA, D'ORBIGNY (*continued*)—
Pustulopora proboscidea, Grube, die Inseln Lussin, 68.
——— Haswell, Proc. Lin. Soc. of N.S.W. iv. 352.
——— Waters, 'Bruccoli,' 17.
——— Manzoni, 'Rhodes,' 70.
——— Pergens, 'Rhodes,' 7.
——— Pergens, 'Faxe,' 20.
——— Seguenza, Form. terz. Reggio, 211, 330, 372.

586. ENTALOPHORA REGULARIS, MACGILLIVRAY, C. V. 32.
Pustulopora regularis, MacGillivray, Descr. new Pol. iv. 6.
——— MacGill. Tr. Roy. Soc. Vic. 1882.
——— Busk, 'Challenger,' l. 21.
? *Pustulopora subverticillata*, Busk, Crag Pol. 108. [B.]

587. ENTALOPHORA RUGOSA, D'ORBIGNY, P. F. T. C. 795.
——— Waters, A. M. N. H. 5. iii. 274.
Pustulopora rugosa, Waters, Manch. Geol. Soc. xiv. 481.
——— Waters, 'Bruccoli,' 17.
——— Seguenza, Form. terz. Reggio, 297, 372.
Pustulopora rugulosa, Manzoni, Bry. mioc. d'Aust. iii. 11. [W.]
——— Pergens, 'Rhodes,' 7.
——— Seguenza, Form. terz. Reggio, 211.
? *Pustulopora clavula*, Manzoni, 'Rhodes,' 70.

588. ENTALOPHORA RUSTICA, D'ORBIGNY.
Pustulipora rustica, d'Orbigny, Voy. Am. 22.
Clausa rustica, d'Orbigny, P. F. T. C. 894.

589. ENTALOPHORA SMITTII, PERGENS.
Pustulopora Smittii, Pergens, 'Rhodes,' 8.
Entalophora proboscideoides, Smitt, F. B. i. 11. [P.]
Entalophora sp. Manzoni, 'Rhodes,' 70. [P.]

590. ESCHARA CHARTACEA, LAMX.; MacGill. Tr. Inst. Vic. 1859. 167.
Flustra chartacea, Lamx. Ency. méth. xiv. 374.

591. ESCHARA CYATHUS, RISSO, Eur. Mérid. v. 343.

592. ESCHARA INCRASSATA, BLAINVILLE, M. d'A. 429.

593. ESCHARA LOBULATA, Blainv. M. d'A. 428.
——— Lamx. Ency. méth. xiv. 375.
——— LAMK. An. s. V. ed. 1. ii. 177.

594. ESCHARA PAPPOSA, PACKARD, Inv. Faun. Labr. 275.

595. ESCHARA PEDISTOMA, LEIDY, 'Rhode Isld.' 2. iii. 141.

596. ESCHARA PORITES, LAMK. (not in his collection, [P.].)
——— Lamk.; Risso, Eur. Mérid. v. 342.

597. ESCHARA SPONGIÆFORMIS, Kirchenpauer, Cat. Mus. Godefr. iv. 28.

598. ESCHARA TUBULIFERA, Heller, Bry. Adr. 1867. 116.

599. ESCHARA URCEOLATA, Busk, B. M. C. ii. 90.

600. ESCHARINA POROSA, Verrill, Proc. U.S. N. Mus. 193.
Escharella pertusa, Verrill, Am. Jour. Sci. x. 41. (non Smitt.)

601. ESCHARINA REVERSA, Verrill, mentioned Proc. U.S. N. Mus. 193.

602. ESCHARINELLA INDICA, d'Orbigny, P. F. T. C. 201.

603. ESCHAROIDES DISCUS, Kirkpatrick, A. M. N. H. 6. i. 82.

604. ESCHAROIDES QUINCUNCIALIS, Norman ; Hks. B.M.P. 339.
Eschara quincuncialis, Norman, B. A. Rep. 1867. 204.
——— Norman, Q. J. M. S. n.s. viii. 221.

605. ESCHAROIDES ROSACEA, Busk ; Hks. B. M. P. 336.
——— Lorenz, 'Jan Mayen,' sep. 9.
——— Smitt, K. S. B. 1867. 25.
Eschara rosacea, Busk, A. M. N. H. 2. xviii. 33.
——— Busk, Norway dredg. ii. 2.
——— Norman, Q. J. M. S. n.s. viii. 220.
——— Peach, Jour. Lin. Soc. xiii. 481.

606. ESCHAROIDES SARSII, nom. nov. Smitt, K. S. B. 1867. 24.
——— Ridley, A. M. N. H. 1881. 452.
——— Lorenz, 'Jan Mayen,' sep. 8.
——— Hincks, A. M. N. H. 6. i. 218.
——— Levinsen, 'Kara-Havet,' 14.
——— Whiteaves, 'St. Lawrence,' 11. Report of 1874.
Escharoides rosacea, Whiteaves, in some earlier Report.
Eschara rosacea, Sars non Busk, Beskr. Pol. Xtiania, 1862. 141. sep. 3.
Eschara Sarsii, Busk, Jour. Lin. Soc. xv. 237.
Cellepora cervicornis, *var.* Sars. Reise Lof. Finm. vi. 148. sep. 28.
? *Cellepora spongites*, Fabr. Faun. Grœnl. 434.
? *Eschara grandipora*, Blainv. M. d'A. 429.
? ——— d'Orbigny, P. F. T. C. 345.
? ——— M. Edw. An. Sci. Nat. 2. vi. 45. sep. 41.
Escharopsis rosacea, Verrill, Proc. U.S. N. Mus. 196.
Escharopsis lobata, Verrill, Proc. U.S. N. 196.
Eschara lobata, Lamk. An. s. V. ed. 2. ii. 269.
——— Packard, List Labr. M. A. 10.
——— d'Orbigny, P. F. T. C. 101.
——— Lamx. Expos. méth. 40.
——— Lamx. Ency. méth. xiv. 376.

607. EUCRATEA AMBIGUA, d'Orbigny, Voy. Am. 11.
Catenaria ambigua, d'Orbigny, P. F. T. C. 43.

608. EUCRATEA CHELATA, Linn. ; Esper, Pflanzen. iii. 253.
——— Lamx. Pol. Corall. 64. Plate iii. fig. 5.
——— Lamx. P. C. F. 149.
——— Lamx. Expos. méth. 8.
——— Lamx. Ency. méth. xiv. 378.
——— Johnston, B. Z. ed. 2. 288.
——— Landsb. B. Z. 286.
——— Gosse, Dev. Coast, 132.
——— Alder, T. T. F. C. iii. 137.
——— Smitt, K. S. B. 1867. 281.
——— Busk, 'Challenger,' xxx. 3.
——— Hincks, B. M. P. 14.
——— Hincks, A. M. N. H. 1853. Plate vi. fig. 3.
——— Hincks, A. M. N. H. 3. ix. 13.
——— Westendorp, Pol. Flex. Belg. Extr. 20.
——— Maitland, Faun. Belg. 65.
——— Fischer, Bry. Sud-ouest France, 13.
——— Pergens, Bull. Soc. R. M. Belg. xxii. sep. 5.
——— Verrill, R. I. V. S. Extr. 416.
Sertularia chelata, Linn. Syst. Nat. ed. 10. 816.
Sertularia loricata, Linn. Syst. Nat. ed. 10. 815.
——— Linn. Syst. Nat. ed. 12. 1316. [H.]
——— Linn. Syst. Nat. ed. Gmel. 3861.
——— Linn. Faun. Suec. ed. 2. 542.
——— Linn. Turton, iv. 886.
——— Turton, Brit. Faun. 217.
——— Stewart, Elem. ii. 449.
——— Berk. Syn. i. 220.
Eucratea loricata, Lamx. Bull. Soc. Phil. 184.
——— Fleming, B. A. 541.
Cellaria chelata, Solander, Zooph. 25.
——— Bruguière, Ency. méth. 442, 454.
——— Bosc, Vers, iii. 111.
——— Lamk. An. s. V. ed. 1. ii. 140.
——— Lamk. An. s. V. ed. 2. ii. 189.
Cellularia chelata, Pallas, Elenchus, 77.
Scruparia chelata, Oken, Lehr. Nat. Zool. Ab. 2. 90.
——— Gray, B. M. C. i. 132.
——— Gosse, Mar. Zool. ii. 12.
——— Wyv. Th. Nat. Hist. Rev. v. 145.
——— Busk, B. M. C. i. 29.
——— Hincks, A. M. N. H. 3. ix. 23.
——— Smitt, Bidr. Hafs-Bry. Utv. 23.

EUCRATEA CHELATA (*continued*)—
Scruparia chelata, Smitt, Ofv. Vet. Ak. F. 1865. 24.
Crisia chelata, Johnston, B. Z. ed. 1. 261.
——— Couch, Corn. Faun. iii. 98.
——— Hassall, A. M. N. H. vi. 170.
——— Reid, A. M. N. H. xvi. 392.
Pisinoa corniculata, Desm. et Les. Plate ii. fig. 12. [P.]
Corallina cellifera, Ellis, N. H. C. Eng. ed. 42.
——— Ellis, N. H. C. Fr. ed. 57.
Unicellaria chelata, Blainv. D. S. N. lx. 425.
——— Blainv. M. d'A. 461.
Catenaria chelata, d'Orbigny, P. F. T. C. 43.
Cellaria multicornis, Lamk. An. s. V. ed. 1. ii. 140. [Lx.]
Eucratée cornée, M. Edw. An. Sc. Nat. 2. ix. 204.
——— M. Edw. in Cuv. Règne Zoo. Plate lxxiv. fig. 1, 10.
Bull's horn coralline, Ellis, N. H. C. 42.
——— Couch, Zooph. Cornw. 40.
——— Couch, Corn. Faun. iii. 98.
Koe-hoorn korallijn, Ellis, bl. 53. No. 9. Plate xxii. fig. b. B.
——— Pallas, Plantd. bl. 94. No. 35.
Ossen-hoorn korallijn, Houttuyn, xvii. bl. 597. No. 41.

608*a*. E. CHELATA, var. REPENS, Hincks, B. M. P. 14.

608*b*. E. CHELATA, var. GRACILIS, Hincks, B. M. P. 14.

609. EUCRATEA INORNATA, Goldstein.
Alysidium inornata, Goldstein, Bry. Marion Islds. 1881.

610. EUCRATEA LAFONTII, Savigny, Zool. Egypt. Plate xiii. fig. 2.
——— Audouin, Expl. 242.
——— Waters, A. M. N. H. 5. iii. 116.
——— Busk, Q. J. M. S. vi. 124.
Alysidium Lafontii, Busk, B. M. C. i. 14.
——— Heller, Bry. Adr. 1867. 84.
Catenaria Lafontii, d'Orbigny, P. F. T. C. 43.

611. EUCRATEA WALLAYSII, Westendorp, Pol. Flex. Belg. Extr. 19.

612. EUTHYRIS OBTECTA, Hincks, A. M. N. H. 5. x. 96.

613. FARCIMIA APPENDICULATA, Hincks, A. M. N. H. 5. xi. 108.
——— MacGill. C. V. 15.
Membranipora articulata, Waters, Tert. Bry. N. Z. 42. [W.]

614. FARCIMIA CEREUS, Pourtales, Bull. Mus. Harv. Coll. Cam. U.S. 110.
——— Smith, F. B. ii. 3.

615. FARCIMIA TENELLA, Lamk. sp.
Cellaria tenella, Lamk. An. s. V. ed. i. ii. 135.
——— Blainv. M. d'A. 455.
——— d'Orbigny, P. F. T. C. 28.
Farcimia oculata, Waters, A. M. N. H. 5. xx. 92.
Nellia oculata, Busk, B. M. C. i. 18.
——— Busk, 'Challenger,' xxx. 27.
——— Smitt, F. B. ii. 3.
——— Hincks, Jour. Lin. Soc. Zool. xxi. 121.
——— McCoy, P. Z. V. decade v. 51.
——— MacGill. C. V. 15.
——— Haswell, Pol. Queensland, 36.
Membranipora oculata, Waters, 'Muddy Creek,' 434.
Salicornaria dichotoma, Busk, Voy. Ratt. i. 367.

616. FARCIMINARIA ACULEATA, Busk, B. M. C. i. 33.
——— Hutton, N. Z. Cat. 188.
——— MacGill. C. V. 18.
——— McCoy, P. Z. V. decade xvi. 217.

617. FARCIMINARIA ATLANTICA, Busk, 'Challenger,' xxx. 49.

618. FARCIMINARIA BISERIATA, Waters, 'Challenger,' lxxix. 38.

619. FARCIMINARIA BLAINVILLII, Lamx.; Hutton, N. Z. Cat. 188.
——— Gray in Dieffenbach N. Z. ii. 293.
Elzerina Blainvillii, Lamx. P. C. F. 123.
——— Lamx. Expos. méth. 3.
——— Lamx. Ency. méth. xiv. 317.
——— Blainv. M. d'A. 453.

620. FARCIMINARIA BRASILIENSIS, Busk, 'Challenger,' xxx. 50.

621. FARCIMINARIA CRIBRARIA, Busk, 'Challenger,' xxx. 49.

622. FARCIMINARIA DELICATISSIMA, Busk, 'Challenger,' xxx. 51.

623. FARCIMINARIA FLEXILIS, Busk, B. M. C. Plate lxv bis. fig. 7.

624. FARCIMINARIA GRACILIS, Busk, 'Challenger,' xxx. 51.

625. FARCIMINARIA HEXAGONA, Busk, 'Challenger,' xxx. 51.

626. FARCIMINARIA MAGNA, Busk, 'Challenger,' xxx. 49.

626*a*. F. MAGNA, var. ARMATA, Busk, 'Challenger,' xxx. 50.

627. FARCIMINARIA PACIFICA, Busk, 'Challenger,' xxx. 50.

628. FARCIMINARIA PUNCTATA, Kirch. Cat. Mus. Godefr. iv. 27.

629. FARCIMINARIA SIMPLEX, MacGillivray, Descr. new Pol. ix. 3.
——— MacGill. Tr. Roy. Soc. Vic. 1885.
——— MacGill. C. V. 18.
——— McCoy, P. Z. V. decade xvi. 218.

630. FARCIMINARIA UNCINATA, Hincks, A. M. N. H. 5. xiv. 277.
——— McCoy, P. Z. V. decade xvi. 217.
——— MacGill. C. V. 18.

631. FARRELLA ARCTICA, Busk, Jour. Lin. Soc. xv. 241.

632. FARRELLA ATLANTICA, Busk, 'Challenger,' l. 37.

633. FARRELLA REPENS, Farre; Hincks, B. M. P. 529.
——— Johnston, B. Z. ed. 2. 380.
——— Landsb. B. Z. 373.
——— Vigelius, Bry. Oostersch. Supp. i. 549.
Farrella producta, Hincks, A. M. N. H. 2. viii. 361.
——— Landsb. B. Z. 374.
Lagenella repens, Farre, Phil. Trans. 1837. 403.
——— Thomp. Nat. Hist. Ireland, iv. 464.
Laguncula repens, V. Ben. 'Recherches,' xviii. 25.
——— Maitland, Faun. Belg. 72.
——— Lansweert, Zooph. litt. Belge, iii. 116.
Bowerbankia repens, Johnston, B. Z. ed. 1. 256.
Laguncula elongata, V. Ben. 'Recherches,' xviii. 26.
——— Lansweert, Zooph. litt. Belge, iii. 116.

Hincks says that this is not the *Lagenella repens* of Hassall, A. M. N. H. vii. 364.

634. FASCICULARIA TUBIPORA, Busk, Crag Pol. 130.
——— Waters, Tert. Bry. N. Z. Cyclos. 344.

635. FASCICULIPORA AMERICANA, d'Orbigny, P. F. T. C. 668.

636. FASCICULIPORA BELLIS, MacGillivray, Descr. new Pol. vi. 2.
——— MacGill. Tr. Roy. Soc. Vic. 1883.
——— MacGill. C. V. 34.
——— Waters, A. M. N. H. 5. xx. 259.
——— McCoy, P. Z. V. decade xvi. 213.

637. FASCICULIPORA FRUTICOSA, MacGillivray, Descr. new Pol. vi. 2.
——— MacGill. Tr. Roy. Soc. Vic. 1883.
——— MacGill. C. V. 34.
——— McCoy, P. Z. V. decade xvi. 214.

638. FASCICULIPORA GRACILIS, MacGillivray, Descr. new Pol. iv. 6.
——— MacGill. Tr. Roy. Soc. Vic. 1882.
——— MacGill. C. V. 34.
——— McCoy, P. Z. V. decade xvi. 213.

639. FASCICULIPORA RAMOSA, d'Orbigny, Voy. Am. 20.
——— d'Orbigny, P. F. T. C. 668.
——— Busk, B. M. C. iii. 37.
——— Busk, 'Challenger,' l. 27.
——— McCoy, P. Z. V. decade xvi. 15.
——— MacGill. C. V. 34.
Corymbosa ramosa, d'Orb. Cours Elem. Pal. ii. 109.
? *Fungella prolifera*, Hagenow, (?) Maast. Kreid. 37.
? *Frondipora ramosa*, Hagenow. [B.]

640. FEDORA EDWARSI, Jullien, 'Travailleur,' 18.

641. FIGULARIA, genus only, Jullien, Bull. Soc. Zool. France, xi. sep. 8.

642. FILISPARSA CANDEANA, d'Orbigny, P. F. T. C. 817.

643. FILISPARSA INCRASSATA, d'Orbigny, P. F. T. C. 817.
Tubulipora incrassata, Waters, A. M. N. H. 5. iii. 272.

644. FILISPARSA IRREGULARIS, Meneghini.
——— Waters, Jour. Lin. Soc. xx. explanation of Plate xiv. fig. 5, 6.
Tubulipora irregularis, Meneg. Pol. Tubulip. Accad. Sc. Padova, vi. 12.
Idmonea irregularis, Heller, Bry. Adr. 1867. 121.
——— Waters, A. M. N. H. 5. iii. 270.
——— Waters, A. M. N. H. 5. xx. 255.
——— Waters, Jour. Lin. Soc. xx. 279.
——— Busk, B. M. C. iii. 13.
——— Busk, 'Challenger,' l. 14.
——— Seguenza, Form. terz. Reggio, 209, 297, 330, 371.
Tervia Folini, Jullien, 'Travailleur,' 5. [W.]

645. FILISPARSA MARGINATA, d'Orbigny, P. F. T. C. 817.

646. FILISPARSA POURTALESII, Smitt, F. B. i. 9.

647. FILISPARSA RUGOSA, d'Orbigny, P. F. T. C. 817.

648. FILISPARSA TUBIGERA, d'Orbigny, P. F. T. C. 817.
Proboscina tubigera, Fischer, Bry. Sud-ouest France, 9.

649. FILISPARSA TUBULOSA, Busk; Waters, A. M. N. H. 5. iii 275.
——— Waters, A. M. N. H. 5. xx. 257.
——— Seguenza, Form. terz. Reggio, 297, 372.

FILISPARSA TUBULOSA, Busk (*continued*)—
Hornera violacea β. tubulosa, Busk, B. M. C. iii. 19.
Filisparsa Delvauxi, Pergens, 'Rhodes,' 6.
——— Pergens, Bry. foss. Wola Lu'zanska, 64.
——— Pergens, Bry. mioc. Russ. Mérid. 2.
——— Pergens, Bry. Nord-ouest Méditer. 6.
Filisparsa sp. Manzoni, 'Rhodes,' 69.
——— Manzoni, Mem. Soc. Geol. Fr. 3. i. part 2. [W.]
Idmonea Gasparensis, MacGill. Descr. new Pol. xii. 7.
——— MacGill. Tr. Roy. Soc. Vic. 1886.

650. FLORIDINA, genus only, Jullien, Bull. Soc. Zool. France, vi. sep. 13.
Mollia antiqua of Smitt is the type of this genus.

651. FLOSCULIPORA PYGMÆA, MacGillivray, Descr. new Pol. xi. 8.
——— MacGill. Tr. Roy. Soc. Vic. 1886.
——— MacGill. C. V. 33.

652. FLUSTRA ABYSSICOLA, Sars.
——— Whiteaves, 'Gulf of St. Lawrence,' 11.

653. FLUSTRA ARMATA, Busk.
Carbasea armata, Busk, B. M. C. i. 50.

654. FLUSTRA BARLEEI, Busk, Q. J. M. S. viii. 123.
——— Norman, Q. J. M. S. n.s. viii. 220.
——— Hincks, B. M. P. 122.
——— Smitt, K. S. B. 1871. 1124.
——— Kirchenpauer, 'Pomerania,' 184.

655. FLUSTRA BIDENTATA, Quoy and Gaim. 'Astrolabe,' Zool. m.s.
——— Blainv. M. d'A. 451.

656. FLUSTRA BISERIATA, Busk, 'Challenger,' xxx. 54.

657. FLUSTRA CARBASEA, Solander, Zooph. 14. Plate iii. fig. 6, 7.
——— Fleming, B. A. 535.
——— Templeton, Lond. Mag. N. H. ix. 469.
——— Johnston, Trans. N. H. Soc. Newc. ii. 264.
——— Johnston, B. Z. ed. 1. 285.
——— Johnston, B. Z. ed. 2. 345.
——— Kirchenpauer, 'Pomerania,' 177.
——— Jameson, Wern. Mem. i. 563.
——— Grant, Edinb. N. Phil. Jour. iii. 111.
——— Landsb. B. Z. 349.
——— Hincks, B. M. P. 123.
——— Ridley, A. M. N. H. 1881. 445.
——— Stewart, Elem. ii. 436.
——— Linn. Syst. Nat. ed. Gmel. 3828.

FLUSTRA CARBASEA, Solander (*continued*)—
——— Linn. Turton, iv. 663.
——— Turton, Brit. Faun. 209.
——— Lorenz, 'Jan Mayen,' sep. 2.
——— Bosc, Vers, iii. 117.
——— Lamx. P. C. F. 104.
——— Lamx. Expos. méth. 4.
——— Lamx. Ency. méth. xiv. 410.
——— Blainv. M. d'A. 451.
——— Blainv. D. S. N. lx. 415.
Flustrina carbasea, Dalyell, R. R. An. Scot. ii. 3.
——— Dalyell, B. A. Rep. 1834. 603.
——— Dalyell, Edinb. N. Phil. Jour. xvii. 413.
——— Roget, Bridgew. Treatise, i. 165.
Carbasea papyracea, Gray, B. M. C. i. 105.
Carbasea papyrea, Busk, B. M. C. i. 50.
——— Gosse, Mar. Zool. ii. 15.
——— Alder, T. T. F. C. iii. 151. sep. 61.
Flustra papyracea, Esper, Pflanzen. Plate ii. fig. 1–3.
——— Bosc, Vers, iii. 119.
——— Lamx. P. C. F. 107.
——— Risso, Eur. Mérid. v. 335.
Flustra papyrea, Smitt, K. S. B. 1867. 359.
Flustrina carbasea, V. Ben. Bull. Brux. xvi. part 2. 651.
Semiflustra carbasea, d'Orbigny, P. F. T. C. 326.
Flustra voila, Lamk. An. s. V. ed. 1. ii. 157.
——— Lamk. An. s. V. ed. 2. ii. 221.
Lawn Sea-mat, Solander, Zooph. 14.

658. FLUSTRA CERANOIDES, Lamx. P. C. F. 103.
——— Lamx. Ency. méth. xiv. 410.
——— Blainv. M. d'A. 451.

659. FLUSTRA CONCENTRICA, Krauss, Zooph. Südsee, 37.
——— Lamx. P. C. F. 108.
——— Lamx. Ency. méth. xiv. 406.
——— Blainv. D. S. N. xvii. 177.

660. FLUSTRA CRASSA, Busk, 'Challenger,' xxx. 53.

661. FLUSTRA CRIBRIFORMIS, Busk; Waters, A. M. N. H. 5. xx. [93.
Carbasea cribriformis, Busk, B. M. C. i. 51.
——— Busk, 'Challenger,' xxx. 58.
——— Kirch. Cat. Mus. Godefr. 118.
——— Haswell, Proc. Lin. Soc. of N.S.W. 37.
Flustra cribriformis, Waters, 'Challenger,' lxxix. 10.
Retepora cornea, Busk, Voy. Ratt. i. 380.
——— Kirch. Cat. Mus. Godefr. 118.

662. FLUSTRA DENTICULATA, Busk, B. M. C. i. 49.
——— Busk, Voy. Ratt. i. 380.
——— Busk, 'Challenger,' xxx. 53.
——— McCoy, P. Z. V. decade v. 27.
——— MacGill. Notes on Pol. Vic. 1859. 164.
——— MacGill. C. V. 17.

662*a*. F. DENTICULATA, var. INERMIS, Busk, B. M. C. i. 49.
——— Bk. 'Challenger,' xxx. 53.

662*b*. F. DENTICULATA, var. QUADRICORNIS, MacGill. New Pol. Aus. 1859. 97.

663. FLUSTRA DENTIGERA, Hincks, A. M. N. H. 5. ix. 79.

664. FLUSTRA DIGITATA, Packard, Inv. Faun. Labr. i. 2. 274.

665. FLUSTRA DISSIMILIS, Busk.
Carbasea dissimilis, Busk, B. M. C. i. 51.
——— Busk, 'Challenger,' xxx. 55.
——— McCoy, P. Z. V. decade v. 28.
——— MacGill. C. V. 18.
Flustra carbasea var. *β*. Lamk. An. s. V. ii. 221.

666. FLUSTRA ELEGANS, Busk.
Carbasea elegans, Busk, B. M. C. i. 53.
——— Busk, 'Challenger,' xxx. 56.
——— McCoy, P. Z. V. decade v. 30.
——— MacGill. C. V. 18.

667. FLUSTRA EPISCOPALIS, Busk.
Carbasea episcopalis, Busk, B. M. C. i. 52.
——— Hutton, N. Z. Cat. 187.
——— McCoy, P. Z. V. decade v. 28.
Euthyris episcopalis, MacGill. C. V. 18.
? *Flustra pyriformis*, Lamx. P. C. F. 103.
——— Lamx. Ency. méth. xiv. 409.
——— d'Orbigny, P. F. T. C. 56.
——— Blainv. M. d'A. 451.
——— Lamk. An. s. V. ii. 221.
——— Busk, Voy. Ratt. i. 379.

668. FLUSTRA FOLIACEA, Linn. Faun. Suec. ed. 2. 539.
——— Linn. Syst. Nat. ed. 12. 1300.
——— Linn. Syst. Nat. ed. Gmel. 3826.
——— Linn. Turton, iv. 663.
——— Ellis, N. H. C. Plate xxix. fig. A. B. C. E.
——— Solander, Zooph. 12.
——— Esper, Pflanzen. Plate i. fig. 1, 2.
——— Lamx. P. C. F. 102.

FLUSTRA FOLIACEA, Linn. (*continued*)—

——— Lamx. Expos. méth. 3.
——— Lamx. Ency. méth. xiv. 409.
——— Fleming, B. A. 535.
——— Lamk. An. s. V. ed 1. ii. 156.
——— Lamk. An. s. V. ed. 2. ii. 219.
——— Blainv. M. d'A. 450.
——— Bosc, Vers, iii. 116.
——— Möbius, Wirb. Thier. Ostsee, 114.
——— Schweigger, Handb. 430.
——— Vigelius, Bry. 'Oosterschelde,' Supp. 1. 547.
——— Risso, Eur. Mérid. v. 333.
——— Heller, Bry. Adr. 1867. 92.
——— Cuvier, Règne An. ed. 2. iii. 304.
——— Cuvier, (M. Edw.) An. illustr. Plate lxxviii. fig. 1.
——— V. Ben. N. Mem. Brux. xviii. 32.
——— Mull. Zool. Dan. Prod. 253.
——— Westendorp, Pol. Flex. Belg. Extr. 12.
——— Freese, Bry. Ostsee, 36.
——— Maitland, Faun. Belg. 60.
——— Lansweert, Pol. Flex. Belg. Extr. iii.
——— Pergens, Bry. env. Brest, 9.
——— Winther, Bry. Danmark, sep. 22.
——— d'Orbigny, P. F. T. C. 55.
——— Smitt, Ups. Univ. Arsskr. 1863. sep. 29.
——— Smitt, K. S. B. 1867. 360.
——— V. Ben, Recherches, 56.
——— Fischer, Bry. Sud-ouest France, 15.
——— Johnston, Trans. N. H. Soc. Newc. ii. 263.
——— Johnston, Lond. Mag. N. H. iii. 483.
——— Johnston, B. Z. ed. 1. 283.
——— Johnston, B. Z. ed. 2. 342.
——— Landsb. B. Z. 346.
——— Temp. Lond. Mag. N. H. ix. 469.
——— Hassall, A. M. N. H. 1. vi. 171.
——— Thompson, A. M. N. H. x. 23.
——— Hyndman, A. M. N. H. x. 20.
——— Hincks, A. M. N. H. 3. ix. 27.
——— Hincks, B. M. P. 115.
——— Couch, Zooph. Cornw. 53.
——— Couch, Corn. Faun. iii. 121.
——— Stewart, Elem. ii. 435.
——— Grant, Edinb. N. Phil. Jour. iii. 111, 337
——— Gray, B. M. C. i. 103.
——— Busk, B. M. C. i. 47.
——— Busk, B. A. Rep. 1859. 145.

FLUSTRA FOLIACEA, LINN. (*continued*)—

——— Gosse, Mar. Zool. ii. 15.

——— Alder, T. T. F. C. iii. 151. sep. 61.

Eschara foliacea, Linn. Syst. Nat. ed. x. 804.

——— Linn. Syst. Nat. Stat. Müll. vi. 808.

——— Linn. Hort. Cliff. 480.

——— Berk. Syn. i. 214.

——— Beltrémieux, Faun. Mar. Inf. 89.

——— Moll, 'Eschara,' ed. 1803. 45.

——— Pallas, Elenchus, 52.

——— Ellis, N. H. C. Eng. ed. 70. Plate xxix. fig. a. A.

——— Ellis, N. H. C. Fr. ed. 85.

——— de Maumont, Seepolyp. Plate v. fig. C.

Fucus marinus, Morison, Hist. Plant. Oxon. iii. Plate viii. fig. 16. [Moll.]

Fucus telam, Ray, Syn. Stirp. ed. 3. 42. [Moll.]

——— Tournfort, Inst. 568. Plate cccxxxiv. [Moll.]

Porus cervinus, Jussieu, Mém. Acad. ed. Paris, 290. [H.]

——— Jussieu, Mém. Acad. ed. Amsterdam, 403. [Moll.]

Alga marina, etc. J. Bauhin, Hist. Plant. iii. 809.

Porus cervinus, C. Bauhin, Pin. theatr. bot. 367. [Moll.]

Corallina affinis, Plucknet, Almag. 119. (Lon. 1696.) [Moll.]

Millepora membranacea, Lin. Hort. Cliff. 480. [S.]

Curious seaweed, Hooke, Microg. 140. Plate ix. fig. 2. Plate xiv. fig. 1.

Broad-leaved Sea-mat, Couch, Corn. Faun. iii. 121.

Broad-leaved Hornwrack, Ellis, N. H. C. 70.

Breedgebladerd hoornwier, Ellis, Koraalgew. bl. 78. No. 2. Plate xxix. fig. A–C, E.

——— Pallas, Plantd. bl. 63. No. 16. Plate ii. fig. 4.

——— Benn. en Oliv. xv. 2. bl. 172. No. 1.

——— V. de Hoeven, Handb. Dierk. Iuitg. Plate ii. fig. 3.

Bladerig korstgewas, Houttuyn, xvii. bl. 472. No. 1. Plate cxxxvi. fig. 1.

669. FLUSTRA FRONDICULOSA, PALLAS.

Eschara frondiculosa, Pallas, Elenchus, 55.

——— Seba, Thesaurus, iii. Plate xcvi. fig. 6. [Pall.]

Eschara papyracea, Ellis, N. H. C. Fr. ed. 119. Plate xxxviii. fig. 8. [Pall.]

Flustra frondiculosa, Lamx. P. C. F. 105.

——— Lamx. Ency. méth. xiv. 411.

——— Linn. Syst. Nat. ed. Gmel. 3829.

Semiflustra frondiculosa, d'Orbigny, P. F. T. C. 326.

'La *Flustra papyracea* d'Esper nous semble avoir les plus grands rapports avec cette espèce, très-differente de celle qu'Ellis a figurée tab. 38. fig 8, que nous avons citée pour le *Flustra chartacea*. La *Flustra frondiculosa* se rapproche beaucoup du *Pherusa tubulosa*.'— LAMOUROUX.

670. FLUSTRA HISPIDA, Lamx. P. C. F. 105.
——— Lamx. Ency. méth. xiv. 411.
——— Linn. Syst. Nat. ed. Gmel. 3829.
Eschara hispida, Pallas, Elenchus, 49.
Is this species a Bryozoon?

671. FLUSTRA HORNERI, Busk.
Carbasea Horneri, Busk; Kirch. Cat. Mus. Godefr. 118.

671*a*. F. HORNERI, var. OPERCULATA.
Carbasea Horneri, var. operculata, Kirch. Cat. Mus. Godefr. 118.

672. FLUSTRA IMPERIALIS, Busk.
Carbasea imperialis, Kirch. Cat. Mus. Godefr. 118.

673. FLUSTRA INDIVISA, Busk.
Carbasea indivisa, Busk, B. M. C. i. 53.
——— Hutton, N. Z. Cat. 187.
——— McCoy, P. Z. V. decade v. 29.
——— MacGill. C. V. 18.

673*a*. F. INDIVISA Bk. var. CYATHIFORMIS, MacGillivray.
Carbasea indivisa, var. cyathiformis, McCoy, P. Z. V. decade 5. 29.
——— MacGill. C. V. 18.
Carbasea cyathiformis, MacGill. Trans. Phil. Inst. Vic. 1859. 97.
——— Hutton, N. Z. Cat. 187.

674. FLUSTRA ITALICA, Spallanzani, Voyage, iv. 183.
——— Lamx. P. C. F. 111.
——— Lamx. Ency. méth. xiv. 412.

675. FLUSTRA LIGULATA, Busk.
Carbasea ligulata, Busk, Q. J. M. S. viii. 282.

676. FLUSTRA MEMBRANACEO-TRUNCATA, Smitt, K. S. B. 1867. 358.
——— Vigelius, 'Wm. Barents,' 1878 and 1879. 11.
——— Vigelius, 'Wm. Barents,' 1880 and 1881. 10.
——— Levinsen, 'Kara-Havet,' 9.
——— Winther, Bry. Danmark, sep. 22.
? *Flustra papyracea*, Solander and Auctt. [S.]

677. FLUSTRA MILITARIS, Waters, A. M. N. H. 5. xx. 93.

678. FLUSTRA MOSELEYI, Busk.
Carbasea Moseleyi, Busk, 'Challenger,' xxx. 56.

679. FLUSTRA OCTODON, Busk, B. M. C. i 49.

680. FLUSTRA OVOIDEA, Busk.
Carbasea ovoidea, Busk, B. M. C. i. 52.
——— Busk, 'Kerguelen,' sep. 2.
——— Busk, 'Challenger,' xxx. 55.

681. FLUSTRA PAPYRACEA, Solander, Zooph. 13.
——— Fleming, B. A. 535.
——— Hincks, B. M. P. 118.
——— Hincks, A. M. N. H. 3. ix. sep. 37.
——— Busk, B. M. C. i. 48.
——— Lister, Phil. Trans. 1834. 384. Plate xii. fig. 3.
——— M. Edw. in Lamk. An. s. V. ed. 2. ii. 220.
——— Blainv. D. S. N. lx. 451 (?).
——— Blainv. M. d'A. 451.
——— d'Orbigny, P. F. T. C. 56.
——— Beltrémieux, Faune Char. Inf. 88.
Eschara papyracea, Ellis, N. H. C. Eng. ed. Plate xxxviii. fig. 8.
——— Ellis, N. H. C. Fr. ed. 119.
Flustra chartacea, Linn. Syst. Nat. ed. Gmel. 3828.
——— Linn. Turton, iv. 663.
——— Turton, Brit. Faun. 209.
——— Johnston, B. Z. ed. 1. 284.
——— Johnston, B. Z. ed. 2. 343.
——— Couch, Zooph. Cornw. 54.
——— Couch, Corn. Faun. iii. 121.
——— Stewart, Elem. ii. 436.
——— Landsb. B. Z. 347.
——— Lamx. P. C. F. 104.
——— Lamx. Ency. méth. xiv. 410.
——— Risso, Eur. Mérid. v. 533.
——— Smitt, Bry. mar. bor. arc. 451.
——— Fischer, Bry. Sud-ouest France, 14.
Chartella papyracea, Gray, B. M. C. i. 104.
Paper Sea-mat, Couch, Zooph. Cornw. 54.
——— Couch, Corn. Faun. iii. 121.

682. FLUSTRA PAPYRACEA, Hutton, N. Z. Cat. 187. (non Ellis.)

683. FLUSTRA PAPYREA, Pallas; Kirchenpauer, 'Pomerania,' [177.
Eschara papyrea, Pallas, Elenchus, 56.
——— Moll, 'Eschara,' ed. 1803. 48.
Flustra papyracea, Linn. Syst. Nat. ed. 12. 1301. [H.]
——— Linn. Syst. Nat. ed. Gmel. 3829.
——— Linn. Nat. Stat. Müller, vi. 812.
Millepora papyracea, Cavolini, Mem. Pol. iii. 247.
Flustra dichotoma, Kirch. 'Pomerania,' 177.
Porus cervinus, Marsigli, Hist. mar. 64. [Pall.]

683*a*. F. PAPYREA, Pall. var. MAZELI, Marion.
Carbasea papyrea, Pall. var. *Mazeli*, Marion, Ann. sc. nat. viii. 11.
——— Marion, Drag. Mars. 33.

684. FLUSTRA PEDUNCULATA, Busk.
Carbasea pedunculata, Busk, 'Challenger,' xxx. 56.

685. FLUSTRA PETRÆA, Lamx. P. C. F. 104
——— Lamx. Ency. méth. xiv. 410.

686. FLUSTRA PISCIFORMIS, Busk.
Carbasea pisciformis, Busk, B. M. C. i. 50.
——— Busk, 'Challenger,' xxx. 57.
——— McCoy, P. Z. V. decade v. 30.
——— MacGill. C. V. 18.
Non ——— Hutton, N. Z. Cat. 187.

687. FLUSTRA PUSILLA, Hincks, A. M. N. H. 5. xix. 314.

688. FLUSTRA RAMOSA, Jullien.
Carbasea ramosa, Jullien, 'Cap Horn,' 75.

689. FLUSTRA RETICULUM, Hincks, A. M. N. H. 5. x. 94.
——— Kirkpatrick, A. M. N. H. 6. ii. 13.
Carbasea reticulum, MacGill. Descr. new Pol. viii. 4.
——— MacGill. C. V. 18.

690. FLUSTRA SECURIFRONS, Pallas; Hincks, B. M. P. 120.
——— Smitt, K. S. B. 1867. 358.
——— d'Orbigny, P. F. T. C. 55.
——— Ridley, A. M. N. H. 1881. 445.
——— Levinsen, 'Kara-Havet,' 10.
Eschara securifrons, Pallas, Elenchus, 56.
Flustra truncata, Linn. Syst. Nat. ed. 12. 1300.
——— Linn. Syst. Nat. ed. Gmel. 3827.
——— Solander, Zooph. 11.
——— Heller, Bry. Adr. 1867. 92.
——— Esper, Pflanzen. Plate iii. fig. 1, 2.
——— Bosc, Vers, iii. 116.
——— Lamx. P. C. F. 102.
——— Lamx. Ency. méth. xiv. 409.
——— Risso, Eur. Mérid. v. 334.
——— Cuvier, Règne An. ed. 2. iii. 304.
——— Blainv. M. d'A. 450.
——— Lamk. An. s. V. ed. 1. ii. 157.
——— Lamk. An. s. V. ed. 2. ii. 219.
——— Müll. Zool. Dan. Prod. 253.
——— Olivi, Zool. Adriat. 274.
——— Sars, N. Mag. Nat. vii. 386.
——— Berk. Syn. i. 214.
——— Maitland, Faun. Belg. 60.
——— Westendorp, Pol. Flex. Belg. Extr. 13.
——— Koren, N. Mag. Nat. ix. 96.
——— Danielssen, N. Mag. Nat. xi. 47.
——— Smitt, Ups. Univ. Asskr. 1863. sep. 28
——— Blainv. D. S. N. lx. 415.

FLUSTRA SECURIFRONS, PALLAS (*continued*)—
Flustra truncata, Fleming, B. A. 535.
——— Templeton, Mag. Nat. Hist. ix. 469.
——— Johnston, B. Z. ed. 1. 285.
——— Johnston, B. Z. ed. 2. 344.
——— Johnston, Trans. N. H. Soc. Newc. ii. 264.
——— Landsb. B. Z. 348.
——— Hassall, A. M. N. H. 1. vii. 369.
——— MacGill. A. M. N. H. ix. 468.
——— Hyndman, A. M. N. H. x. 20.
——— Thompson, A. M. N. H. x. 23.
——— Waters, A. M. N. H. 5. iii. 119.
——— Grant, Edinb. N. Phil. Jour. iii. 111.
——— Gosse, Mar. Zool. ii. 15.
——— Alder, T. T. F. C. iii. 151. sep. 61.
——— Busk, B. M. C. i. 48.
——— Busk, B. A. Rep. 1859. 145.
——— Packard, Inv. Faun. Labr. i. 2. 274.
Flustra papyracea, Dalyell, R. R. An. Scot. ii. 19.
Chartella securifrons, Gray, B. M. C. i. 104.
Eschara foliacea, Eliis, N. H. C. Eng. ed. 69. Plate xxviii. fig. a,
——— Ellis, N. H. C. Fr. ed. 84. [A, B.
——— de Maumont, Seepolyp. Plate v. fig. A.
Eschara foliacea, var. β. Linn. Syst. Nat. ed. 10. 804.
Fucus marinus, Ray, Syn. Stirp. 42. No. 9.
——— Morison, Hist. Plant. Oxon. iii. 646. Plate viii. fig. 17.
Porus cervinus minor, Marsigli, Hist. Phys. Mer. 63. Plate vi. fig.
Narrow leaved Hornwrack, Ellis, N. H. C. 69. [23, 24.
Smalgebladerd hoornwier, Ellis, bl. 78. No. 1. Plate xxviii. fig. A. B.
——— Pallas, Plantd. bl. 69. No. 19.
Beitelvormig korstgewas, Houttuyn, xvii. bl. 477. No. 2.

690*a*. F. SECURIFRONS, var. *α*. LEVINSEN, 'Kara-Havet,' 10.

690*b*. F. SECURIFRONS, var. *β*. LEVINSEN, 'Kara-Havet,' 10.

691. FLUSTRA SEPARATA, WATERS, 'Challenger,' lxxix. 38.

692. FLUSTRA SERRULATA, BUSK, Jour. Lin. Soc. xv. 234.
——— Levinsen, 'Kara-Havet,' 12.

693. FLUSTRA SOLIDA, STIMPSON, Mar. Inv. Gr. Manan, ed. 1853.
——— Hincks, A. M. N. H. 5. vi. 282.
Eschara solida, Vigelius, 'Wm. Barents,' 15.
Eschara palmata, Sars, For. Selks. 1862. 146. sep. 8. [H.]
Escharella palmata, Sars; Levinsen, 'Kara-Havet,' 14.
——— Smitt, K. S. B. 1867. 10.
——— Whiteaves, 'Gulf St. Lawrence,' 12.
——— Lorenz, 'Jan Mayen,' sep. 9.

694. FLUSTRA SPONGIÆFORMIS, Lamk. is not in his collection. [P.]

695. FLUSTRA TENELLA, Hincks, A. M. N. H. 5. xix. 313.
Flustra securifrons, Hincks, A. M. N. H. 5. xvii. 264.

696. FLUSTRAMORPHA MARGINATA, Krauss; Busk, 'Challenger,' xxx. 135.
——— Gray.
Flustra marginata, Krauss, Cor. Zooph. Südsee, 35.
Eschara flagellifera, Busk, 'Challenger,' xxx. Plate xx. fig. 8.
? *Eschara flabellaris*, Busk, B. M. C. ii. 91.
Mastigophora Hyndmanni, var. *ensiformis*, Hincks, B. M. P. 282.
Porellina flabellaris, Smitt, F. B. ii. 27.

697. FLUSTRELLA BINDERI, Harvey.
Farciminaria Binderi, Busk, Q. J. M. S. i. 156.
Verrucularia Binderi, Busk, 'Challenger,' xxx. 48.
Muscaria armata, Hutton, N. Z. Cat. 186.

698. FLUSTRELLA DICHOTOMA, Suhr; Hincks, A. M. N. H. 5. xiii. 366.
Verrucularia dichotoma, v. Suhr, Ratisbon Flora, 1834. 725.
——— Busk, 'Challenger,' xxx. 48.
——— MacGill. C. V. 19.
Farciminaria dichotoma, Busk, Q. J. M. S. i. 155.

699. FLUSTRELLA HISPIDA, Fabricius; Hks. B. M. P. 506.
——— Gray, B. M. C. i. 108.
——— Redfern, Q. J. M. S. vi. 96.
——— Alder, T. T. F. C. sep. 57.
——— Smitt, Bry. Ups. Univ. Arss. 1863. 12.
Flustra hispida, Fabricius, Faun. Grœnl. 438.
——— Fleming, B. A. 537.
——— Blainv. D. S. N. lx. 413.
——— Blainv. M. d'A. 450.
——— Dalyell, R. R. An. Scot. ii. 28.
——— Jameson, Wern. Mem. i. 563.
——— Johnston, Trans. N. H. Soc. Newc. ii. 266.
——— Landsb. B. Z. 355.
——— Hincks, A. M. N. H. 2. viii. 357.
Flustra hirta, Linn. Syst. Nat. ed. Gmel. 3850.
——— Bosc, Vers, iii. 119.
——— Lamx. P. C. F. 111.
——— Lamx. Ency. méth. xiv. 414.
Flustra spongiosa, Templeton, Mag. Nat. Hist. ix. 469.
——— Thompson, A. M. N. H. v. 253.
Flustra carnosa, Johnston, B. Z. ed. 1. 288.
——— Hassall, A. M. N. H. vii. 369.

FLUSTRELLA HISPIDA, Fabricius (*continued*)—
Flustra carnosa, Couch, Zooph. Cornw. 56.
——— Couch, Corn. Faun. iii. 125.
——— Kölliker, Beit. Kent. Sam. Thiers, Berlin, 1841. 46.
Alcyonidium hispidum, Johnston, B. Z. ed. 2. 363.
——— Alder, T. T. F. C. sep. 21.
——— Smitt, K. S. B. 1865. 499.
——— Freese, Bry. Ostsee, 34.
——— Verrill, R. I. V. S. Extr. 414.
Cycloum hispidum, Thompson, Nat. Hist. Ireland, iv. 476.
Membranipora spongiosa, Johnston, B. Z. ed. 1. 282.

699*a*. F. HISPIDA, form CYLINDRICA, Hincks, A. M. N. H. 5. xiii.
——— MacGill. C. V. 34. [365.

700. FORBESIA GRACILIS, Goodsir, A. M. N. H. xv. 380.

701. FOVEOLARIA ELLIPTICA, Busk, 'Challenger,' xxx. 68.
——— ? ——— Waters, 'Challenger,' lxxix. 11.

702. FOVEOLARIA ORBICULARIS, Busk, 'Challenger,' xxx. 68.

703. FRONDIPORA MARSIGLI, Michelin, Iconog. 68.
——— Busk, B. M. C. iii. 39.
——— Pergens, 'Rhodes,' 11.
——— Hag. in Gein. Grund. Verstein. 592.
? *Fungella sp.* Manzoni, 'Rhodes,' 71.

704. FRONDIPORA PALMATA, Busk, B. M. C. iii. 38.

705. FRONDIPORA VERRUCOSA, Lamx.; Waters, A. M. N. H. 5. iii. 279.
——— Busk, B. M. C. iii. 39.
——— Blainv. M. d'A. 406.
——— d'Orbigny, P. F. T. C. 677.
——— Hincks, A. M. N. H. 5. xix. 308.
——— Waters, 'Challenger,' lxxix. 40.
Frondipora reticulata, M. Edw. Arch. Miss. Sci. 3. ix. 22.
——— Blainv. M. d'A. 406.
——— *α and β.* Smitt, K. S. B. 1865. 407.
——— Busk, B. M. C. iii. 38.
——— d'Orbigny, P. F. T. C. 677.
——— Seguenza, Form. terz. Reggio, 214, 330, 372.
——— form *verrucosa*, Waters, 'Bruccoli,' 19.
Frondipora Marsigli, Blainv. non Mich. M. d'A. 306. [B.]
Frondipora Bauhini, Bauhin, Hist. Plant. iii. 809.
Frondipora porus frondosus, Imperato, Hist. Nat. 631. (1599).
Madrepore rameux, etc. Marsigli, Hist. Mer. 150.
Frondipora brachiata, Kirchenpauer, m.s. [P.].

FRONDIPORA VERRUCOSA, Lamx. (*continued*)—
Krusensterna verrucosa, Lamx. Expos. méth. 41. Plate lxxiv. fig. 10–13. Plate xxvi. fig. 5. [W.]
——— Lamx. Ency. mèth. xiv. 478.
Millepora reticulata, Linn. (pars) Syst. Nat. ed. 10. 791.
——— Linn. Syst. Nat. ed. 12. 1284.
——— Linn. Syst. Nat. ed. Gmel. 3786.
——— Olivi, Hist. Adr. 223.
——— Risso, Eur. Mérid. v. 343.
——— Lamk. An. s. V. ed. 1. ii. 182.
——— Lamk. An. s. V. ed. 2. ii. 275.
——— Solander, Zooph. Plate xxvi. fig. 5. non text p. 138.
Millepora frondipora, Pallas, Zooph. 241.
Eschara marina, Tournfort, Institut, 576.
Alcyonium polyphyllum, Mercat. metall. etc. vi. c.10. p. 109.

706. GEMELLARIA AMERICANA, Lamx.; d'Orbigny, P. F. T. C. 46.
Loricaria americana, Lamx. P. C. F. 7.
——— Lamx. Ency. méth. xiv. 499.

707. GEMELLARIA DUMOSA, Stimpson, Mar. Inv. Gr. Manan, 19.

708. GEMELLARIA EGYPTIACA, Audouin; d'Orbigny, P. F. T. C. [46.
Loricaria Egyptiaca, Savigny, Zool. Egypt. Plate xiii. fig. 4.

709. GEMELLARIA LORICATA, Linn.; Hincks, B. M. P. 18.
——— Busk, B. M. C. i. 34.
——— Gosse, Mar. Zool. ii. 14.
——— Smitt, K. S. B. 1867. 286.
——— Winther, Bry. Danmark, sep. 18.
——— Freese, Bry. Ostsee, 35.
——— Vigelius, 'Wm. Barents,' 7.
——— Möbius, Wirb. Thier. Ostsee, 114.
——— Lorenz, 'Jan Mayen,' sep. 1.
——— Levinsen, 'Kara-Havet,' 3.
? ——— Lansweert, Zooph. litt. Belge, iii. 116.
Sertularia loricata, Linn. Faun. Suec. ed. 2. 542.
——— Linn. Syst. Nat. ed. 10. 815.
——— de Maumont, Seepolyp. Plate iii. fig. A. B.
Sertularia loriculata, Linn. Syst. Nat. ed. 12. 1314.
——— Linn. Syst. Nat. ed. Gmel. 3861.
——— Linn. Turton, iv. 684.
——— Turton, Brit. Faun. 216.
——— Stewart, Elem. ii. 447.
——— Jameson, Wern. Mem. 1809. 564.
——— Esper, Pflanzen. Plate xxiv. fig. 1–3.
——— Berk. Syn. i. 219.

GEMELLARIA LORICATA, Linn. (*continued*)—
Notamia loriculata, Fleming, B. A. 541.
——— Farre, Phil. Trans. 1837. 413.
——— Johnston, B. Z. ed. 1. 263.
——— Couch, Zooph. Cornw. 42.
——— Couch, Corn. Faun. iii. 100.
——— Hassall, A. M. N. H. vi. 170.
——— MacGill. A. M. N. H. ix. 466.
——— Hyndman, A. M. N. H. x. 20.
Scruparia loriculata, Oken, Lehr. Nat. Zool. Ab. ii. 90
Gemellaria loriculata, V. Ben. Mem. Brux. xviii.
——— V. Ben. Recherches, 33.
——— Sars, N. Mag. Nat. B.vi. 146.
——— Gray, B. M. C. i. 134.
——— Alder, T. T. F. C. iii. 137. sep. 47.
——— Johnston, B. Z. ed. 2. 293, 477.
——— Landsb. B. Z. 296.
——— Hincks, A. M. N. H. 3. ix. 26.
——— Ridley, A. M. N. H. 1881. 445.
——— d'Orbigny, P. F. T. C. 46.
——— Maitland, Faun. Belg. 67.
Gemicellaria loriculata, Blainv. D. S. N. lx. 425.
——— Blainv. M. d'A. 461.
——— Westendorp, Pol. Flex. Belg. Extr. 16.
Gemellaria Willisii, Dawson, Proc. Nova Scot. Inst. i. part 3. 3.
Cellaria loriculata, Solander, Zooph. 24.
——— Bruguière, Ency. méth. 442, 452.
——— Bosc, Vers, iii. 133.
——— Lamk. An. s. V. ed. 1. ii. 136.
——— Lamk. An. s. V. ed. 2. ii. 179.
——— Johnston, Trans. N. H. Soc. Newc. ii. 262.
Cellularia loriculata, Pallas, Elenchus, 64.
——— Dalyell, R. R. An. Scot. i. 233.
——— Hogg, Nat. Hist. Stock. 35.
Crisia loriculata, Lamx. Pol. Corall. 61.
——— Lamx. P. C. F. 140.
Loricula loriculata, Templeton, Mag. Nat. Hist. ix. 469.
Les loricules, Cuvier, Règne An. ed. 2. iii. 303.
Corallina cellifera, Ellis, N. H. C. Eng. ed. 40. Plate xxi. fig. b. B.
——— Ellis, N. H. C. Fr. ed. 55.
Corallina geniculata, Plukenet, Mant. 56.
Fistularia ramosa, Fabr. Faun. Grœnl. 441.
Loricaria europæa, Lamx. Expos. méth. 7.
——— Lamx. Ency. méth. xiv. 498.
Muscus coralloides, Ray, Syn. i. 34.
——— Ray, Syn. Appen. 330.

GEMELLARIA LORICATA, Linn. (*continued*)—
Coat of Mail Coralline, Couch, Zooph. Cornw. 42.
——— Couch, Corn. Faun. iii. 100.
——— Ellis, N. H. C. 40.
Corallina loricata, Risso, Eur. Mérid. v. 321.
Harnas-korallijn, Ellis, Koraalg. bl. 51. No. 7. Plate xxi. fig. b. B.
Geharnast cel-korallijn, Pallas, Plantd. bl. 79. No. 22. Plate iii. fig. 2.
Keurslijf-korallijn, Houttuyn, xvii. bl. 581. No. 31.

710. GEMELLIPORA EBURNEA, Smitt, F. B. ii. 35.
Pasythea eburnea, Busk, 'Challenger,' xxx. 5.

711. GEMELLIPORA LATA, Smitt, F. B. ii. 36.

712. GEMELLIPORA LIMBATA, Smitt, F. B. ii. 40.

713. GIGANTOPORA FENESTRATA, Ridley, Proc. Zool. Soc. 1881. 48.
Hippothoa fenestrata, Smitt, F. B. ii. 47.

714. GIGANTOPORA LYNCOIDES, Ridley, Proc. Zool. Soc. 1881.
——— Kirkpatrick, A. M. N. H. 6. i. 77. [47.

715. HASWELLIA AURICULATA, Busk, 'Challenger,' xxx. 173.
——— Waters, 'Challenger,' lxxix. 31.
Tessaradoma auriculatum, Busk, 'Challenger,' Plate xxiv. fig. 10.
Porina grandipora, Waters, Tert. Bry. N. Z. 59. [W.]
Pustulopora porcellanica, Hutton, N. Z. Cat. 198.

715*a*. H. AURICULATA, var. FAYALENSIS, Waters, 'Challenger,' lxxix. 31.

716. HASWELLIA VICTORIENSIS, Kirkpatrick, A. M. N. H. 6. ii. 14.

717. HETEROPORA CERVICORNIS, d'Orbigny; Waters, J. R. M. S. ii. 392.
Plethopora cervicornis, d'Orbigny, P. F. T. C. 1045.
Monticulipora cervicornis, d'Orbigny, Prodr. pal. strat. ii. 279.
Densipora corrugata, MacGill. New gen. Pol. Ap. 1880. 3. [W.]
——— MacGill. C. V. 33.

718. HETEROPORA MEANDRINA, Kirkpatrick, A. M. N. H. 6. ii. 16.

719. HETEROPORA PELLICULATA, Waters, J. R. M. S. ii. 390.
——— Waters, Tert. Bry. N. Z. Cyclos. 348.
——— Waters, Bry. foss. Aus. Cyclos. 677.
——— Whiteaves, Am. Jour. Sci. xxiv. 279.
Heteropora neozelanica, Busk, Jour. Lin. Soc. Zool. xiv. 725.
——— Nicholson, A. M. N. H. 5. vii. 329.

720. HETEROPORA sp. WHITEAVES, Am. Jour. Sci. 3. xxiv. 279.

721. HIANTOPORA FEROX, MACGILLIVRAY, C. V. 23.
Cribrilina ferox, Hincks, A. M. N. H. 5. viii. 55.
Lepralia ferox, MacGill. Descr. Aus. Pol. 1868. 7.
——— McCoy, P. Z. V. decade iv. 34.

722. HIPPOTHOA CASSITERIDES, COUCH; Hincks, B. M. P. 294.
——— Johnston, B. Z. ed. 1. Supp. 476.
——— Landsb. B. Z. 295.

723. HIPPOTHOA DIVARICATA, LAMX. Expos. méth. 82.
——— Johnston, B. Z. ed. 2. 291.
——— Hincks, B. M. P. 288.
——— Hincks, A. M. N. H. 3. ix. 24.
——— Busk, Q. J. M. S. iii. 254.
——— Busk, B. M. C. i. 30.
——— Busk, 'Challenger,' xxx. 4.
——— Waters, 'Challenger,' lxxix. 29.
——— Landsb. B. Z. 293.
——— Heller, Bry. Adr. 1867. 88.
——— Fisher, Bry. Sud-ouest France, 20.
——— MacGill. C. V. 25.
——— Gray, B. M. C. i. 116.
——— d'Orbigny, P. F. T. C. 383.
——— Manzoni, 'Castrocaro,' 5.
——— Seguenza, Form. terz. Reggio, 327, 367.
? *Hippothoa divergens*, Lamx. P. C. F. Supp. 82.
——— Lamx. Ency. méth. xiv. 455.
Hippothoa lanceolata, Gray, Zool. Miscel. 35.
——— Johnston, B. Z. ed. 1. 265.
——— Couch, Zooph. Cornw. 43.
——— Couch, Corn. Faun. iii. 102.
——— Thompson, A. M. N. H. v. 252.
——— Hassall, A. M. N. H. vii. 366.
Hippothoa borealis, Packard, Inv. Faun. Labr. i. 2. 270.
——— d'Orbigny, P. F. T. C. 384.
Hippothoa mediterranea, d'Orbigny, P. F. T. C. 384.
Hippothoa Robertina, d'Orbigny, P. F. T. C. 384.
Catenicella divaricata, Blainv. D. S. N. lx. 427.
——— Blainv. M. d'A. 462.
Mollia hyalina, form *divaricata*, Smitt, K. S. B. 1867. 17.
Mollia hyalina, *var.* Smitt, Bry. mar. bor. arc. 455.
Smaller beaded Coralline, Couch, Zooph. Cornw. 43.
——— Couch, Corn. Faun. iii. 102.

723*a*. H. DIVARICATA, *α* CONFERTA, Hincks, B. M. P. 288.

723*b*. H. DIVARICATA, *β* CARINATA, Norman; Hks. B. M. P. 289.

723*c*. H. DIVARICATA, *γ* PATAGONICA, Busk; Hks. B. M. P. 289.
Hippothoa patagonica, Busk, Crag Pol. 24.
——— Busk, B. M. C. i. 30.
Hippothoa longicauda, Fischer, Bry. Sud-ouest France, sep. 21.

724. HIPPOTHOA EXPANSA, Dawson, Geol. Sur. Can. 1859. 255.
——— Packard, Inv. Faun. Labr. i. 2. 270.
——— Hincks, B. M. P. 291.
——— Norman, Q. J. M. S. n.s. viii. 216.
——— Lorenz, 'Jan Mayen,' sep. 6.

725. HIPPOTHOA FLAGELLUM, Manzoni, Supp. Bry. Med. 3.
——— Manzoni, Bry. plioc. It. iv. 6.
——— Manzoni, 'Castrocaro,' 5.
——— Waters, Tert. Bry. N. Z. 63.
——— Seguenza, Form. terz. Reggio, 197, 294, 327, 367.
——— Hincks, B. M. P. 293.
——— Hincks, A. M. N. H. 4. xx. 218.
——— Busk, 'Challenger,' xxx. 4.
Hippothoa distans, Hincks, A. M. N. H. 5. viii. 62.
——— MacGill. Descr. new Pol. Nov. 1868. 5.
——— MacGill. C. V. 25.
? *Hippothoa fusiformis*, d'Orbigny, P. F. T. C. 383.

726. HIPPOTHOA SAVIGNYANA, d'Orbigny, P. F. T. C. 383.
Hippothoa divaricata, Savigny, Zool. Egypt. Plate viii. fig. 2.
——— Audouin, Expl. xxiii. 66.

727. ? HIPPOTHOA species, Hincks, A. M. N. H. 5. xv. 253.

728. HIPPURARIA EGERTONI, Busk, Proc. Zool. Soc. 1874. 29.
——— Hincks, B. M. P. 549.

729. HIPPURARIA VERTICILLATA, Heller sp.; Hincks, A. M. N. H. 5. xix. 311.
Valkeria verticillata, Heller, Bry. Adr. 1867. 129.
Cuscutaria verticillata, Meneg. in litt. Mus. Tergestrinum.
? *Lagenella nutans*, Joliet, Bry. France, 101. (pars.)

730. HORNERA AMERICANA, d'Orbigny, Voy. Am. 22.
——— d'Orbigny, P. F. T. C. 920.

731. HORNERA AUSTRALIS, Kirchenpauer, Cat. Mus. Godefr. iv. 33.

732. HORNERA CŒSPITOSA, Busk, B. M. C. iii. 17.

733. HORNERA FISSURATA, Busk ; Waters, Jour. Lin. Soc. xx.
——— Waters, 'Challenger,' lxxix. 4. [275.
Idmonea fissurata, Busk, 'Challenger,' l. 14.

734. HORNERA FOLIACEA, MacGillivray, Descr. Aus. Pol. 1868. 17.
——— MacGill. C. V. 31.
——— McCoy, P. Z. V. decade xii. 71.
——— Busk, 'Challenger,' l. 17.
——— Waters, Bry. foss. Aus. Cyclos. 688.
Retihornera foliacea, Hutton, N. Z. Cat. 197.
——— Busk, B. M. C. iii. 19.
Retihornera corbicula, Kirch. Cat. Mus. Godefr. iv. 119. [Kp.]
Retihornera squamosa, Hutton, C. M. M. 101.
? *Retihornera Gouldiana*, Busk ; Hutton, N. Z. Cat. 197.
? *Retihornera dentata*, Kirch. Cat. Mus. Godefr. iv. 32.
? *Retihornera plicata*, Kirch. Cat. Mus. Godefr. iv.
? *Hornera Gouldiana*, Busk, Crag Pol. 95. [McG.]

735. HORNERA FRONDICULATA, Lamx. Expos. méth. 41.
——— Lamx. Ency. méth. xiv. 460.
——— M. Edw. An. sc. nat. 2. ix. 17.
——— Blainv. M. d'A. 419.
——— Busk, B. M. C. iii. 17.
——— Busk, 'Challenger,' l. 15.
——— Heller, Bry. Adr. 1867. 124.
——— Waters, A. M. N. H. 5. iii. 275.
——— Waters, Tert. Bry. N. Z. Cyclos. 341.
——— Seguenza, Form. terz. Reggio, 84, 132, 209, 297, 371.
——— Manzoni, 'Castrocaro,' 42.
——— Manzoni, Bry. mioc. d'Aust. iii. 8.
——— Manzoni, 'Rhodes,' 69.
——— Waters, 'Bruccoli,' 20.
——— Waters, Bry. foss. Aus. Cyclos. 687.
——— Pergens, 'Rhodes,' 6.
——— Pergens, Bry. foss. Wola Lu'zanska, 63.
——— Busk, Crag Pol. 102.
——— Meneghini, Pol. Adr. 9.
Millepora lichenoides, Pallas, Elenchus, 245.
——— Esper, Millep. Plate iii. fig. 1–4.
? *Millepora tubipora*, Solander, Zooph. 139. Plate xxvi. fig. 1.
? *Tubulous Millepore*, Solander, Zooph. 139.
White Coral, Ellis, N. H. C. Plate xxxv. fig. B. b.
Retepora frondiculata, Lamk. An. s. V. ed. 1. ii. 183.
——— Lamk. An. s. V. ed. 2. ii. 277.
——— Risso, Eur. Mérid. v. 344.
Hornera porosa, Stoliczka, Latdorf, 79.

HORNERA FRONDICULATA, Lamx. (*continued*)—
? *Plate xxxiii, fig.* 162–164, Marsigli, Hist. phys. mer.
? *Hornera serrata*, Meneghini, Pol. Adr. 10. [B.]
? *Hornera tubulosa*, Meneghini, Pol. Adr. 10. [B.]
? *Hornera affinis*, M. Edw. An. sc. nat. 2. ix. 19.
? ——— d'Orbigny, P. F. T. C. 919.
? *Retihornera affinis*, Kirch. Cat. Mus. Godefr. iv. 30.
? *Hornera andegavensis*, Michelin, Iconog. 318. Plate lxxvi. fig. 2.
? ——— d'Orbigny, P. F. T. C. 919. [B.]

736. HORNERA GALEATA, Smitt, F. B. i. 10.

737. HORNERA LICHENOIDES, Pontop. Norge Nat. H. i. 258.
——— Smitt, K. S. B. 1865. 404.
——— Hincks, B. M. P. 468.
——— Busk, B. M. C. iii. 17.
——— Busk, 'Challenger,' l. 15.
——— Whiteaves, 'St. Lawrence,' 12.
——— Kirkpatrick, A. M. N. H. 6. ii. 15.
——— Vigelius, 'Wm. Barents,' 5.
——— Lorenz, 'Jan Mayen,' 16.
——— Kirch. Cat. E. Grönl. 425.
Hornera borealis, Alder, J. R. M. S. n.s. iv. 108.
——— Alder, J. R. M. S. n.s. iv. 14.
Hornera frondiculata, Busk, A. M. N. H. 2. xviii. 34.
——— Busk, Norway dredg. 1855. ii. 3.
——— Sars, Nyt. Mag. Nat. vi. 146.
Corallium, Pontop. Norges. N. Hist. i. 258.
Millepora lichenoides, Fabr. Zool. Sam. m.s. vi. 255.
——— Linn. Syst. Nat. ed. 10. 791.
——— Linn. Syst. Nat. ed. 12. 1283.
——— Linn. Syst. Nat. ed. Gmel. 3785.
——— Mull. Prodr. 252.
——— Mull. Zool. Dan. 3046.
——— Ström. Act. Haf. xii. 309.
Hornera borealis, Busk, Crag Pol. 95 et 103.
Hornera ramosa, MacGill. Tr. Roy. Soc. Vic. 1886.
——— MacGill. Descr. new Pol. xii. 3.
——— MacGill. C. V. 31.

738. HORNERA PARASITICA, Kirchenpauer.
Retihornera parasitica, Kirch. Cat. Mus. Godefr. iv. 31.

739. HORNERA PECTINATA, Busk, B. M. C. iii. 18.
——— Busk, Q. J. M. S. n.s. i. 79.

740. HORNERA ROBUSTA, MacGillivray, Descr. new Pol. iv. 5.
——— MacGill. C. V. 31.
——— McCoy, P. Z. V. decade xii. 72.

741. HORNERA RUGOSULA, JULLIEN, 'Travailleur,' 7.

742. HORNERA SPINIGERA, KIRKPATRICK, A. M. N. H. 6. i. 83.

743. HORNERA STRIATA, STOLICZKA, 'Orakei bay,' 107.
——— Hutton, N. Z. Cat. 196.
——— M. Edw. An. sc. nat. ix.
——— M. Edw. 'Recherches' sur les Crisies, etc. 21.
——— Gottardi, Bri. foss. Mont. Magg. 300.
——— Busk, Crag Pol. 103.
——— Pergens, 'Rhodes,' 6.
——— Michelin, Iconog. 317.
——— Seguenza, Form. terz. Reggio, 209, 297, 371.

744. HORNERA SUBDUBIA, GOLDSTEIN, Proc. Roy. Soc. Vic. 1881.
Of this species Waters remarks, 'from the figure it might be *Hydrocorallina*.' See Jour. Lin. Soc. xx. 276.

745. HORNERA VERSIPALMA, LAMK.; Blainville, M. d'A. 419.
Retepora versipalma, Lamk. An. s. V. ed. 1. ii. 183.
——— Lamk. An. s. V. ed. 2. ii. 279.
——— Lamx. Ency. méth. xiv. 669.
——— d'Orbigny, P. F. T. C. 364.

746. HORNERA VIOLACEA, SARS, Geol. Zool. Jagttagelser, etc. 1863. 30.
——— Sars, N. Mag. Nat. xii. 282.
——— Busk, B. M. C. iii. 18.
——— Busk, 'Challenger,' l. 16.
——— Norman, B. A. Rep. 1867. 310.
——— Hincks, B. M. P. 469.
——— form *violacea*, Smitt, K. S. B. 1865. 404.
Pustulopora orcadensis, Busk, Q. J. M. S. viii. 213.
——— Busk, B. M. C. iii. 23.

746*a*. H. VIOLACEA, var. PROBOSCINA, BUSK, B. M. C. iii. 18.
Hornera violacea, form *proboscina*, Smitt, K. S. B. 1865. 404.

747. HUXLEYA FRAGILIS, DYSTER, Q. J. M. S. vi. 260.
——— Hincks, B. M. P. 27.

748. HYPOPHORELLA EXPANSA, EHLERS, Beit. Kennt. Bry. 1876. 126.
Delagia chætopteri, Joyeux-Laffuie, Comptes Rendus, cvi. 620.

749. ICHTHYARIA OCULATA, BUSK, 'Challenger,' xxx. 46.
——— Waters, 'Challenger,' lxxix. 10.

750. IDMONEA ANGUSTATA, D'ORBIGNY, P. F. T. C. 731.
——— Busk, B. M. C. iii. 15.

751. IDMONEA ATLANTICA, Forbes, m.s. sec Johnston, B. Z. [ed. 2. 278.
——— Gray, B. M. C. 141.
——— Landsb. B. Z. 277.
——— Gosse, Mar. Zool. ii. 8.
——— Busk, A. M. N. H. 2. xviii. 34. sep. 3.
——— Busk, Q. J. M. S. vi. 128.
——— Busk, Norway dredg. 1855. ii. 3.
——— Busk, B. M. C. iii. 11.
——— Busk, 'Challenger,' l. 10.
——— Hincks, B. M. P. 451.
——— Waters, A. M. N. H. 5. iii. 269.
——— Sars, Reise Lof. Fin. 145.
——— Smitt, F. B. i. 6.
——— Levinsen, 'Kara-Havet,' 21.
——— Lorenz, 'Jan Mayen,' sep. 16.
——— Vigelius, 'Wm. Barents,' 4.
——— Kirch. Cat. E. Grönl. 427.
——— Packard, Inv. Faun. Labr. i. 2. 270.
——— Manzoni, Bry. mioc. d'Aust. iii. 4.
——— MacGill. C. V. 31.
——— Pergens, 'Rhodes,' 5.
——— MacGill. Descr. new Pol. xii. 3.
——— MacGill. Tr. Roy. Soc. Vic. 1886.
——— Waters, Bry. foss. Aus. Cyclos. 683.
——— Seguenza, Form. terz. Reggio, 297, 330.
Idmonea radians, V. Ben. Bull. Brux. xvi. 646.
Idmonea flexuosa, Pourtales.
Idmonea pruinosa, Stimpson, Mar. Inv. G. Manan. 18.
Idmonea gracillima, Reuss, Pal. Stud. ält. tert. Alp. ii. 70.
——— Reuss, 'Crosaro,' Ak. Wien. xxix. 70.
——— Meun. and Perg. Bry. Syst. Mont. 13.
——— Pergens, Bry. Wola Lu'zanska, 63.
——— Pergens, Bry. Nord-ouest Méd. 6.
——— Gottardi, Bry. foss. Mont. Magg. 299.
Idmonea inconstans, Stoliczka, 'Orakei bay, 116.
Idmonea coronopus, M. Edw. An. sc. nat. 2. ix. 217. [S.]
——— M. Edw. 'Recherches,' 23.
——— Defrance, D. N. S. xxii. 565.
——— Blainv. M. d'A. 420.
——— d'Orbigny, P. F. T. C. 729.
Crisisina coronopus, d'Orbigny, Prodr. Pal. Strat. ii. 397.
Tubulipora atlantica, form *erecta*, Smitt, K. S. B. 1866. 399.
Tubulipora atlantica, Kirchenpauer, 'Pomerania,' 190.

751*a*. I. ATLANTICA, var. TENUIS, Busk, B. A. Rep. 1859. 146.
——— Smitt, F. B. Plate ii. fig. 7. [B.]

I. ATLANTICA, var. TENUIS, Busk (*continued*)—
——— Busk, B. M. C. iii. 11.
——— Hincks, B. M. P. 451.
——— MacGill. C. V. 31.

752. IDMONEA AUSTRALIS, MacGillivray; McCoy, P. Z. V. decade vii. 30.
——— MacGill. C. V. 31.
——— Busk, 'Challenger,' l. 12.

753. IDMONEA BIFRONS, Waters, 'Challenger,' lxxix. 40.
——— Waters, Bry. foss. Aus. Cyclos. 685.
Idmonea disticha, Hagenow, Bry. Maast. 30.
Tubigera disticha, d'Orbigny, P. F. T. C. 723.
This is not the *Idmonea disticha* of Goldfuss, Reuss, Manzoni, or Michelin. See Waters, Bry. foss. Aus. Cyclos. 685.

754. IDMONEA CALIFORNICA, d'Orbigny, P. F. T. C. 732.
——— Busk, B. M. C. iii. 16.

755. IDMONEA CANARIENSIS, d'Orbigny, P. F. T. C. 732.
——— Busk, B. M. C. iii. 16.
? *Idmonea gracillima*, Busk, B. M. C. iii. 14. [B.]

756. IDMONEA CONCAVA, Reuss; Waters, A. M. N. H. 5. iii. 271.
——— Reuss, 'Crosaro,' Ak. Wien. xxix. 70.
——— Reuss, Pal. Stud. ält. tert. Alp. ii. 70.
——— Reuss, Foss. Faun. Oligocän-Gaas, 33.
——— Seguenza, Form. terz. Reggio, 209, 297, 330, 371.
——— Gottardi, Bry. foss. Mont. Magg. 299.
——— Meun. and Perg. Bry. Syst. Mont. 13.
——— Pergens, Wola Lu'zanska, 62.

757. IDMONEA CONTORTA, Busk, B. M. C. iii. 12.
——— Waters, Tert. Bry. N. Z. Cyclos. 339.
Eschara contorta, Hutton, Tr. Roy. Soc. Tasmania, 1877.

758. IDMONEA DILATATA, d'Orbigny, P. F. T. C. 731.
——— Busk, B. M. C. iii. 15.

759. IDMONEA EBORACENSIS, Busk, 'Challenger, l. 12.

760. IDMONEA FENESTRATA, Busk, B. M. C. iii. 16.
——— Busk, Crag Pol. 105.
——— Manzoni, Bry. mioc. d'Aust. iii. 6.
——— Seguenza, Form. terz. Reggio, 132.
Tubulipora fenestrata, Smitt, K. S. B. 1865. 399.

761. IDMONEA FLABELLATA, Kirchenpauer, Cat. Mus. Godefr.

762. IDMONEA FRONDOSA, MENEGHINI, Pol. Adr. 12.
——— Heller, Bry. Adr. 1867. 119.
——— Busk, B. M. C. iii. 14.

763. IDMONEA GRACILIS, MENEGHINI, Pol. Adr. 12.
——— Heller, Bry. Adr. 1867. 120.
——— Busk, B. M. C. iii. 14.
——— Seguenza, Form. terz. Reggio, 209.

764. IDMONEA GRACILLIMA, BUSK, B. M. C. iii. 14.

765. IDMONEA INSOLITA, JULLIEN, 'Travailleur,' 3.

766. IDMONEA INTERJUNCTA, MACGILLIVRAY, Descr. new Pol. [ix. 10.
——— MacGill. C. V. 31.
——— Waters, A. M. N. H. 5. xx. 256.
? *Idmonea Pedleyi*, Haswell, Proc. Lin. Soc. of N.S.W. iv. 351. [W.]

767. IDMONEA MARIONENSIS, BUSK, 'Kerguelen,' Plate x. fig. 15, 16.
——— Busk, B. M. C. iii. 13.
——— Busk, 'Challenger,' l. 11.
——— Waters, A. M. N. H. 5. iii. 270.
——— Kirkpat. A. M. N. H. 6. ii. 15.

768. IDMONEA MENEGHINII, HELLER, Bry. Adr. 1867. 120.
——— Waters, A. M. N. H. 5. iii. 270.
——— Waters, Jour. Lin. Soc. xx. 278.
——— Busk, B. M. C. iii. 14.
——— Seguenza, Form. terz. Reggio, 330.

769. IDMONEA MILNEANA, D'ORBIGNY, Voy. Am. v. Part 4. 20.
——— Smitt, F. B. i. 8.
——— Waters, Jour. Lin. Soc. xx. 279.
——— Waters, A. M. N. H. 5. xx. 256.
——— Waters, Bry. foss. Aus. Cyclos. 684.
——— Busk, B. M. C. iii. 12.
——— Busk, 'Challenger,' l. 13.
——— Busk, Q. J. G. Soc. xvi. 261.
——— Ridley, Proc. Zool. Soc. 1881. 56.
——— Etheridge, Synop. Aus. tert. Pol. 13.
——— Ten-Woods, Q. J. G. Soc. xxi. 394.
——— Stoliczka, 'Orakei bay,' 114.
——— Haswell, Proc. Lin. Soc. of N.S.W. iv. 351.
——— MacGill. C. V. 31.
——— McCoy, P. Z. V. decade vii. 29.
——— d'Orbigny, P. F. T. C. 732.
Idmonea Giebeli, Stoliczka, 'Latdorf,' 81.
——— Schreiber, Bry. Grünsand, 479.

IDMONEA MILNEANA, d'Orbigny (*continued*)—
Idmonea Giebeliana, Stoliczka, 'Orakei bay,' 115.
——— Hutton, N. Z. Cat. 196.
Idmonea notomala, Busk, B. M. C. iii. 12.
——— Seguenza, Form. terz. Reggio, 330, 371.
Tubulipora Dawsoni, Hincks, A. M. N. H. 5. xiii. 205.
——— Hincks, P. Q. C. I. 34.

770. IDMONEA PARASITICA, Busk, B. M. C. iii. 13.

771. IDMONEA RADIANS, Lamk.; Busk, B. M. C. iii. 11.
——— Busk, 'Challenger,' l. 10.
——— Hutton, N. Z. Cat. 196.
——— Hutton, Tr. Roy. Soc. Tasmania, 1877. 25.
——— MacGill. C. V. 31.
——— MacCoy, P. Z. V. decade vii. 30.
——— Haswell, Proc. Lin. Soc. of N.S.W. iv. 350.
——— M. Edw. An. sc. nat. 2. ix. 217.
——— Waters, A. N. N. H. 5. xx. 255.
——— Waters, Bry. foss. Aus. Cyclos. 684.
——— Stoliczka, 'Orakei bay,' 116.
——— d'Orbigny, P. F. T. C. 731.
Retepora radians, Lamk. An. s. V. ed. 1. ii. 183.
——— Lamk. An. s. V. ed. 2. ii. 279.
——— Lamx. Ency. méth. xiv. 669.
Hornera radians, Blainv. M. d'A. 409.

772. IDMONEA RADICATA, Kirkpatrick, A. M. N. H. 6. i. 83.

773. IDMONEA RAMOSA, d'Orbigny. Recent specimens from Stewart Island. E. C. J.
——— Waters, Tert. Bry. N. Z. Cyclos. 339.
Reptotubigera ramosa, d'Orb. P. F. T. C. 754. non *I. ramosa*, 736.
? *Proboscina Eudesi*, Haime, Bry. foss. Jurass. 167.
——— Meun. and Perg. Ann. Soc. Roy. Mal. Belg. xxi. 217.

774. IDMONEA RUSTICA, d'Orbigny, P. F. T. C. 731.
——— Busk, B. M. C. iii. 15.

775. IDMONEA SERPENS, Linn.; Hincks, B. M. P. 453.
——— V. Ben. Bull. Ac. R. Belg. xvi. 647. sep. 5.
——— Levinsen, 'Kara-Havet,' 20.
——— Manzoni, Bry. plioc. It. iv. 27.
——— Manzoni, 'Castrocaro,' 42.
——— Manzoni, 'Rhodes,' 68.
——— Pergens, 'Rhodes,' 5.
——— Waters, A. M. N. H. 6. iv. 21.
——— Waters, Tert. Bry. N. Z. Cyclos. 339.

IDMONEA SERPENS, Linn. (*continued*)—

Tubipora serpens, Linn. Syst. Nat. ed. 10. 790. non 5350. [F.]
——— Linn. Syst. Nat. ed. 12. 1271.
——— Linn. Syst. Nat. ed. Gmel. 3754.
——— Linn. Turton, iv. 614.
——— Bosc, Vers, ii. 351.
——— Stewart, Elem. ii. 426.
——— Jameson, Wern. Mem. i. 561.
——— Dalyell, R. R. An. Scot. ii. 85.
Tubulipora serpens, Fleming, B. A. 529.
——— Johnston, B. Z. ed. 1. 268.
——— Johnston, B. Z. ed. 2. 275.
——— Landsb. B. Z. 275.
——— Couch, Zooph. Cornw. 45.
——— Couch, Corn. Faun. iii. 105.
——— Alder, T. T. F. C. sep. 46.
——— Winther, Bry. Danmark, sep. 9.
——— MacGill. C. V. 31.
——— Maitland, Faun. Belg. sep. 66.
——— Seguenza, Form. terz. Reggio, 211, 330, 372.
——— Ridley, 'Alert,' 58.
——— Busk, B. M. C. iii. 25.
——— Hincks, A. M. N. H. 3. ix. 467. sep. 51.
——— Waters, A. M. N. H. 5. iii. 271.
——— d'Orbigny, P. F. T. C. 832.
——— Landsweert, Zooph. litt. Belge, iii. 116.
Idmonea transversa, M. Edw. An. sc. nat. 2. ix. 217. sep. 26.
——— M. Edw. Mém. Tubulip. 12.
——— Meneghini, Pol. Adr. Tubulip. 11.
——— Heller, Bry. Adr. 1867. 121.
——— d'Orbigny, P. F. T. C. 731.
Tubulipora transversa, Lamx. Expos. méth. 1.
——— Lamx. Ency. méth. xiv. 759.
——— Risso, Eur. Mérid. v. 338.
——— Blainv. M. d'A. 424.
——— Lamk. An. s. V. ed. 1. ii. 162.
——— Lamk. An. s. V. ed. 2. ii. 242.
——— Fischer, Bry. Sud-ouest France, 10.
——— Johnston, Trans. N. H. Soc. Newc. ii. 269.
——— Stark, Elem. ii. 437.
——— Westendorp, Pol. Flex. Belg. Extr. 11.
——— Marion, An. sc. nat. viii.
——— Marion, Drag. Mars. 36.
Obelia serpens, Gray, B. M. C. i. 140.
? *Tubulipora serpens*, Packard, Inv. Faun. Labr. i. 2. 269.
Millepora tubulosa, Solander, Zooph. 136.

IDMONEA SERPENS, Linn. (*continued*)—

Millepora tubulosa, Linn. Syst. Nat. ed. Gmel. 3790.
——— Linn. Turton, iv. 639.
——— Turton, Brit. Faun. 205.
——— Stewart, Elem. ii. 428.
——— Bosc, Vers, ii. 345.
——— Hogg, Nat. Hist. Stock. 37.
——— Cuvier, Règne An. ed. 12. iii. 305.
Millepora liliacea, Pallas, Elenchus, 248.
——— Linn. Syst. Nat. ed. Gmel. 3790.
——— Linn. Turton, iv. 639.
——— Turton, Brit. Faun. 205.
——— Bosc, Vers, ii. 345.
Obelia tubulifera, Lamx. Expos. méth. 81.
——— Lamk. An. s. V. ed. 2. ii. 246.
——— Blainv. M. d'A. 424.
——— Blainv. An. sc. nat. n.s. viii. 12. [J.]
Tubularia serpens, Linn. Syst. Nat. ed. 10. sp. 3 and 5.
Tubularia verrucosa, Linn. Syst. Nat.
Reptotubigera tubulifera, d'Orbigny, P. F. T. C. 752.
? *Reptotubigera confluens*, d'Orbigny, P. F. T. C. 752.
? *Idmonea dilatata*, d'Orbigny, P. F. T. C. 731. [F.]
Madrepora tubulosa, Marsigli, Hist. Mar. 153. Plate xxxiv. fig. 168. [P.]
Madrepora rosacea, Plancus, de Conchis, ed. 2. app. 112. Plate xviii. fig. N. n.
? *Alecto disposita*, Hutton, N. Z. Cat. 198.
? ——— Hutton, C. M. M. 103.
Tubulipora serpens, Smitt, K. S. B. 1865. 399.
Tubulipora foraminulata, Blainv. M. d'A. 425. [H.]
Idmonea vibicata, Manzoni, Bry. mioc. d'Aust. iii. 6. [P.]
——— Manzoni, 'Rhodes,' 68. [P.]
Idmonea serpens, Manzoni, 'Rhodes,' 68. [P.]
Idmonea atlantica, *var.* Sars, Reise Lof. Finm. 145. [S.]
Small purple Eschara, Ellis, N. H. C. 74.
——— Couch, Zooph. Cornw. 45.
——— Couch, Cornw. Faun. iii. 105.
Eschara millepora, Ellis, N. H. C. Eng. ed. 74. Plate xxvii. fig. E. e.
——— Ellis, N. H. C. Fr. ed. 90.
Klein purper korstgewas, Ellis, bl. 82. No. 6.
Zee-lelij, Pallas, Plantd. bl. 309. No. 152.
Kruipend pijp-koraal, Houttuyn, xvii. bl. 100. No. 3.

775*a*. I. SERPENS, var. RADIATA, Hincks, B. M. P. 453.

776. IDMONEA SERPULA, HELLER, Bry. Adr. 1867. 120.
——— Busk, B. M. C. iii. 14.
——— ? Manzoni, 'Rhodes,' 69.
——— Pergens, 'Rhodes,' 5.

777. IDMONEA TORTUOSA, KIRKPATRICK, A. M. N. H. 6. i. 83.

778. IDMONEA TRIFORIS, HELLER, Bry. Adr. 1867. 120.
——— Busk, B. M. C. iii. 15.
——— Waters, A. M. N. H. 5. iii. 271.
——— Seguenza, Form. terz. Reggio, 209, 297, 371.

779. IDMONEA TUBEROSA, D'ORBIGNY, P. F. T. C. 731.
——— Busk, B. M. C. iii. 16.
? *Idmonea marionensis*, Busk, 'Kerguelen,' Plate x. fig. 15, 16. [B.]

780. IDMONEA TUBULIPORA, MENEGHINI, Pol. Adr. Tubulip. 12.
——— Heller, Bry. Adr. 1867. 120.
——— Busk, B. M. C. iii. 15.
Osculipora tubulipora, Pergens, Bry. Nord-ouest Méd. 6.

781. IDMONEA VIRESCENS, DE HAAN, Mus. de Leyde.
——— Blainv. M. d'A. 420.

Of this species, Milne Edwards remarks, 'il n'en a été encore publié ni description ni figure.'

782. INVERSIULA INVERSA, Waters sp.
Porina inversa, Waters, A. M. N. H. 5. xx. 190.
——— Whitelegge, Proc. Lin. Soc. of N.S.W. 2. ii. 680.
Microporella inversa, Waters, A. M. N. H. 6. iv. 6.

Although Mr. Waters only suggests the making a genus of *Inversiula*, I venture to place it here, as it appears so natural a genus.

783. INVERSIULA NUTRIX, JULLIEN, 'Cap Horn,' 44.
——— Waters, A. M. N. H. 6. iv. 7.

784. JOLIETINA, genus only, JULLIEN, Bull. Soc. Zool. France, xi. sep. 8.

785. JUBELLA ENUCLEATA, JULLIEN, 'Travailleur,' 23.

786. KINETOSKIAS ARBORESCENS, KOREN and DAN. Faun. litt. Nor. iii. 104.
——— Koren and Dan. Förh. Vid. Selsk. Xtiania, 1867. 27.
——— Levinsen, 'Kara-Havet,' 9.
Bugula umbella, Smitt, K. S. B. 1867. 292.
——— Verrill, Am. Jour. Sci. xviii. 52.
——— Verrill, Cont. Zool. Mus. Yale Coll. No. xliii.

787. KINETOSKIAS CYATHUS, Wyv. Thomp.; Busk, 'Challenger,' xxx. 44.
——— Busk, Q. J. M. S. 1881.
Naresia cyathus, Wyv. Th. Voy. 'Challenger,' The Atlantic, i. 142.
——— Wyv. Th. 'Nature,' i. 387.
? *Kinetoskias Smittii*, Kor. and Dan. Faun. litt. Nor. iii. 104.

788. KINETOSKIAS POCILLUM, Busk, Q. J. M. S. xxi. 7. (1881.)
——— Busk, 'Challenger,' xxx. 45.

789. KIRCHENPAUERIA ELEGANS, Graeffe, Kirch. in litt.

790. LACERNA HOSTEENSIS, Jullien, 'Cap Horn,' 48.

791. LAGENIPORA EDWARDSI, Jullien, 'Travailleur,' 14.

792. LAGENIPORA LUCIDA, Hincks, A. M. N. H. 5. xiii. 30.
——— Hincks, P. Q. C. I. 31.
Phylactella lucida, Hincks, A. M. N. H. 5. vi. 11.

793. LAGENIPORA SOCIALIS, Hincks, A. M. N. H. 4. xx. 215.
——— Hincks, B. M. P. 235.

794. LAGENIPORA SPINULOSA, Hincks, A.M.N.H. 5. xiii. 210.
——— Hincks, P. Q. C. I. 31, 40.
——— Hincks, A. M. N. H. 5. xiii. 57.

795. LAGENIPORA TUBERCULATA, MacGillivray, Descr. new Pol. ii. 3.
——— MacGill. Tr. Roy. Soc. Vic. 1882.
——— MacGill. C. V. 28.
——— McCoy, P. Z. V. decade xvi. 209.

796. LANCEOLOPORA ELEGANS, d'Orbigny, P. F. T. C. 186.

797. LEKYTHOPORA HYSTRIX, MacGillivray, Descr. new Pol. iii. 3.
——— MacGill. Descr. new Pol. viii. 8.
——— MacGill. Tr. Roy. Soc. Vic. 1882.
——— McCoy, P. Z. V. decade xvi. 210.
——— Waters, 'Aldinga,' 308.

798. LEPRALIA ADPRESSA, Busk, B. M. C. ii. 82.
——— Busk, Q. J. M. S. iv. 178.
——— Hincks, B. M. P. 307.
——— Hincks, A. M. N. H. 3. ix. 205.
——— Pergens, Bry. Nord-ouest Méd. 8.
——— Pergens, 'Rhodes,' 28.
Lepralia lata, Busk, Q. J. M. S. iv. 309.
——— Waters, A. M. N. H. 5. iii. 42.
——— Manzoni, Supp. Bry. Med. 8.

LEPRALIA ADPRESSA, Busk (*continued*)—
Lepralia lata, Manzoni, Bry. plioc. It. i. 20.
——— Manzoni, 'Rhodes,' 63.
——— Reuss, Bry. mioc. d'Aust. i. 32. (172).
——— Seguenza, Form. terz. Reggio, 204, 295, 329, 371.
Lepralia cupulata, Manzoni, Bry. plioc. It. iii. 13.
——— Seguenza, Form. terz. Reggio, 205, 329, 371.
——— Waters, 'Bruccoli,' 9.
Lepralia Kirchenpaueri, Heller, Bry. Adr. 1867. 105.
——— Manzoni, Supp. Bry. Med. 8.

798*a*. L. ADPRESSA, var. *a*. Hincks, B. M. P. 307.

798*b*. L. ADPRESSA, var. VINOSA, Ridley, Proc. Zool. Soc. 1881. 51.
Note 1. 'This species is not the *Lepralia adpressa* of Seguenza.' —Pergens.
Note 2. *Lepralia cupulata*, Manzoni. 'Il. sig. Waters vuole riunita questa alla precedente specie ; (*L. lata*) io la tengo distinta perchè mi mancano le transizioni.'—Seguenza.

799. LEPRALIA ALATA, Busk, B. M. C. ii. 71.
——— Heller, Bry. Adr. 1867. 107.

800. LEPRALIA AMERICANA, Verrill, Proc. Ac. N. S. Philad. 1878. 305. mentioned only.

801. LEPRALIA ANNULATOPORA, Manzoni, Supp. Bry. Med. 9.
——— Manz. Bry. plioc. It. iii. 12.
——— Manz. 'Castrocaro,' 26.
Porina annulatopora, Koschinsky, Bry. tert. Bay. sep. 39.
Lepralia lucernula, Manz. Bry. plioc. It. iii. 12.

802. LEPRALIA AUDOUINII, d'Orbigny.
Cellepora Audouinii, d'Orbigny, P. F. T. C. 401.
Escharella Audouinii, Smitt, F. B. ii. 56.
Cellepora mangnevillana, Audouin, Expl. xxiii. 66. non Lamx.
——— Savigny, Zool. Egypt. Plate viii. fig. 6.

803. LEPRALIA BACCATA, Hutton, Proc. Roy. Soc. Tasmania, 1877. 24.

804. LEPRALIA BIFRONS, Hincks, A. M. N. H. 5. xiv. 281.
——— MacGillivray, C. V. 26.

805. LEPRALIA BILABIATA, Hincks, A. M. N. H. 5. x. 253.
——— Hincks, A. M. N. H. 5. xiii.
——— Hincks, P. Q. C. I. 23.

806. LEPRALIA BORNIANA, Moll.
Eschara Borniana, Moll, 'Eschara,' 58.

LEPRALIA BORNIANA, Moll (*continued*)—
Cellepora Borniana, d'Orbigny, P. F. T. C. 403.
——— Lamx. P. C. F. 95. (Eng. 42.)
——— Lamx. Ency. méth. xiv. 184.
Escharina Borniana, M. Edw. in Lamk. An. s. V. ed. 2. ii. 232.

807. LEPRALIA CANTHARIFORMIS, Busk, Q. J. M. S. viii. 143.
——— Hincks, B. M. P. 299.
Lepralia Pallasiana, *var.* Norman, B. A. Rep. 1868. 307.

808. LEPRALIA CHEILODON, MacGill. Descr. Aus. Pol. 1868.
——— McCoy, P. Z. V. decade iv. 29. [10.

809. LEPRALIA CINCTA, Hincks, A. M. N. H. 5. xv. 254.
? *Lepralia pertusa*, Hutton, N. Z. Cat. 192.

810. LEPRALIA CLAVICULATA, Hincks, A. M. N. H. 5. x. 254.
——— Hincks, A. M. N. H. 5. xiii.
——— Hincks, P. Q. C. I. 23.

811. LEPRALIA CLEIDOSTOMA, Smitt, F. B. ii. 62.
——— Hincks, A. M. N. H. 5. xiii.
——— Hincks, P. Q. C. I. 41.

811*a*. L. CLEIDOSTOMA, var. Hincks, Litt. Phil. Soc. Liverp. April 1881. 15.

811*b*. L. CLEIDOSTOMA, var. ORBICULARIS, Hincks, A.M.N.H. 5. viii. 63.
Lepralia cleidostoma, var. *rotunda*, Waters, 'Curdies Creek,' 336.

812. LEPRALIA COLLARIS, Jullien, 'Cap Horn,' 57.

813. LEPRALIA COMPLANATA, Norman, A. M. N. H. 1864. 84.
——— Hincks, A. M. N. H. 5. xix. 304.
Micropora complanata, Hincks, B. M. P. 175.
Membranipora Smittii, Manzoni, Bry. plioc. It. iv. 11.

814. LEPRALIA CRIBRUM, Lamk.
Discopora cribrum, Lamk. An. s. V. ed. 1. ii. 167.
——— Risso, Eur. Mérid. v. 339.
Discopora criblum, Blainv. M. d'A. 446.

815. LEPRALIA CUCULLATA, Busk, B. M. C. ii. 81.
——— Heller, Bry. Adr. 1867. 112.
——— Waters, A. M. N. H. 5. iii. 40.
——— Manzoni, 'Castrocaro,' 31.
——— Seguenza, Form. terz. Reggio, 83, 329, 370.

816. ? LEPRALIA CYCLOSTOMA, Moll.
Eschara cyclostoma, Moll, 'Eschara,' ed. 1803. 56.
Escharina cyclostoma, M. Edw. in Lamk. An. s. V. ed. 2. ii. 232.
Cellepora cyclostoma, Lamx. P. C. F. 94. (Eng. 41.)
——— Risso, Eur. Mérid. v. 336.
Reptoporellina cyclostoma, d'Orbigny, P. F. T. C. 477.

817. LEPRALIA DEPRESSA, Busk, B. M. C. ii. 75.
——— Waters, 'Bairnsdale,' 509.
——— Waters, A. M. N. H. 6. iv. 13.
Escharella rostrigera, Smitt, F. B. ii. 57. [W.]
Lepralia rostrigera, Waters, 'Aldinga,' 298.
——— Waters, Tert. Bry. N. Z. 61.
Lepralia surgens, Manzoni, 'Castrocaro,' 18.
? *Flustra marcelii*, Savigny, Zool. Egypt. Plate ix. fig. 4.
——— Audouin, Expl. 67.
? *Reptescharinella marcelii*, d'Orb. P. F. T. C. 453.

817*a*. L. DEPRESSA, var. Waters, 'Aldinga,' 298.

818. LEPRALIA DORSIPOROSA, Busk, 'Challenger,' xxx. 143.
Hemeschara dorsiporosa, Bk. 'Challenger,' Plate xviii. fig. 4.

819. LEPRALIA EDAX, Busk; Smitt, F. B. ii. 63.
——— Hincks, B. M. P. 311.
——— Waters, 'Gambier,' 270.
——— Waters, 'Aldinga,' 297.
Cellepora edax, Busk, Q. J. M. S. n.s. i. 154.
——— Busk, Crag Pol. 59.
——— Hincks, A. M. N. H. 3. ix. 304. sep. 48.
——— Peach, Jour. Roy. Inst. Cornw. xviii. sep. 2.
——— Hutton, Tr. Roy. Soc. Tasmania, 1877. 24.
Celleporaria edax, Seguenza, Form. terz. Reggio, 129, 207, 371.
Cumulipora angulata, v. Münst.; Reuss, Septarienthon, 63.

819*a*. L. EDAX, form IANTHINA, Smitt, F. B. ii. 63.

819*b*. L. EDAX, form SENEGAMBIENSIS, Carter; [Kirkp. in litt.]
Cellepora Senegambiensis, Carter, A. M. N. H. 5. ix. 416.

820. LEPRALIA ELEGANS, MacGillivray, Notes on Pol. Vic. 1859. 166.
——— MacGill. C. V. 26.
——— McCoy, P. Z. V. decade iv. 26.

821. LEPRALIA ELIMATA, Waters, A. M. N. H. 5. xx. 194.
——— Waters, A. M. N. H. 6. iv. 13.

822. LEPRALIA FEEGENSIS, Busk, 'Challenger,' xxx. 144.

823. LEPRALIA FENESTRALIS, Couch, Corn. Faun. iii. 117.
——— Johnston, B. Z. ed. 2. 318.
——— Landsb. B. Z. 318.

824. LEPRALIA FOLIACEA, Solander; Hincks, B. M. P. 300.
——— Waters, 'Gambier,' 269.
——— Waters, 'Bairnsdale,' 509.
——— Pergens, Bry. Nord-ouest Méd. 8.
Millepora foliacea, Solander, Zooph. 133.
——— Linn. Syst. Nat. ed. Gmel. 3786.
——— Linn. Turton, iv. 636.
Eschara fascialis, *var. β.* Moll, Eschara, ed. 1803. 33.
Eschara foliacea, Johnston, B. Z. ed. 1. 297.
——— Johnston, B. Z. ed. 2. 350.
——— Landsb. B. Z. 358.
——— Couch, Zooph. Cornw. 60.
——— Couch, Corn. Faun. iii. 131.
——— Busk, B. M. C. ii. 89.
——— Lamk. An. s. V. ed. 1. ii. 175.
——— Lamk. An. s. V. ed. 2. ii. 266.
——— Lamx. Ency. méth. xiv. 374.
——— M. Edw. An. sci. nat. vi. 36.
——— Heller, Bry. Adr. 1867. 114.
——— Risso, Eur. Mérid. v. 341.
——— Waters, A. M. N. H. 5. iii. 43 and 124.
——— Gray, B. M. C. 126.
——— Alder, T. T. F. C. sep. 61.
——— Blainv. M. d'A. 428.
——— Manzoni, Bry. plioc. It. iv. 18.
——— Manzoni, 'Castrocaro,' 36.
——— Manzoni, 'Rhodes,' 65.
——— Seguenza, Form. terz. Reggio, 207, 296, 371, 329.
——— Ellis, N. H. C. Eng. ed. 71.
——— Ellis, N. H. C. Fr. ed. 86.
Eschara retiformis, Raii, Syn. ed. 3. i. 31.
——— Fleming, B. A. 531.
——— Borlase, Nat. Hist. Cornw. 239.
——— d'Orbigny, P. F. T. C. 101.
Cellepora lamellosa, Esper, Pflanzen. 146.
Reticulum marinum, J. Bauhin, Hist. iii. 809.
Stony foliaceous Coralline, Ellis, N. H. C. 71.
——— Couch, Corn. Faun. iii. 131.

824*a*. L. FOLIACEA, var. FASCIALIS, Hincks, B. M. P. 301.
Eschara fascialis, Pallas, Elenchus, 43.
——— Lamx. Ency. méth. xiv. 375.
——— d'Orbigny, P. F. T. C. 101.

L. FOLIACEA, var. FASCIALIS (*continued*)—
Eschara fascialis, Lamk. An. s. V. ed. 1. ii. 175.
——— Moll, 'Eschara,' 31 and 36.
——— M. Edw. Recherches Eschares, 39.
——— Blainv. M. d'A. 428.
——— Johnston, B. Z. ed. 2. 352.
——— Landsb. B. Z. 360.
——— Grube, 'Insel Lussin,' 67.
——— Heller, Bry. Adr. 1867. 114.
——— Risso, Eur. Mérid. v. 342.
——— *var. a.* Moll, 'Eschara,' 31.
——— Fleming, B. A., 531.
Eschara foliacea, var. *fascialis*, Waters, 'Bruccoli,' 14.
Millepora fascialis, Linn. Syst. Nat. ed. 12. 1283.
——— Linn. Syst. Nat. ed. Gmel. 3785.
——— Linn. Syst. Nat. Stat. Müller, vi. 718.
——— Marsigli, Hist. phys. mer, 148.
——— Olivi, Hist. Adr. ed. 1792. 223.
——— de Maumont, Seepolyp. Plate xv. fig. C.
——— Stewart, Elem. ii. 427.
Millepora tænialis, Solander, Zooph. 133.
Porus cervinus, Ellis, N. H. C. 72. fig. b.

824*b*. L. FOLIACEA, var. BIDENTATA, M. Edw.; Hks. B. M. P. 301.
——— Hks. A. M. N. H. 5. xix. 304.
Eschara bidentata, M. Edw. Sur les Eschares, 38.
——— d'Orbigny, P. F. T. C. 345.

825. LEPRALIA FORAMINIFERA, Heller, Bry. Adr. 1867. 110.

826. LEPRALIA FORAMINIGERA, Hincks, A. M. N. H. 5. xi. 109.
——— Waters, Tert. Bry. N. Z. 62.

827. LEPRALIA GIGAS, Hincks, A. M. N. H. 5. xv. 255.
——— Kirkpatrick, A. M. N. H. 6. i. 78.

828. LEPRALIA HIPPOCREPIS, Busk, Q. J. M. S. iv. 177.
——— Bk. in Carpenter's Cat. Mazat. Moll. 4.

829. LEPRALIA HIPPOPUS, Smitt, K. S. B. 1867. 20.
——— Hincks, B. M. P. 309.
? *Eschara Deshayesii*, M. Edw. Sur les Eschares, 11.
——— M. Edw. An. sci. nat. 2. vi. 331.

830. LEPRALIA INCISA, Busk, 'Challenger,' xxx. 145.

831. LEPRALIA INORNATA, Gabb and Horn; Smitt, F. B. ii. 61.
Cellepora inornata, Gabb and H. Jour. An. Nat. Sci. Philad. v. 127.

832. LEPRALIA IRREGULARIS, Haswell, Proc. Lin. Soc. of N.S.W. v. part 1.

833. LEPRALIA JAPONICA, Busk, 'Challenger,' xxx. 143.
——— Waters, 'Challenger,' lxxix. 26.
Hemeschara Japonica, Bk. 'Challenger,' Plate xvii. fig. 5.

834. LEPRALIA JUDEX, Kirkpatrick, A. M. N. H. 6. i. 78.

835. LEPRALIA LABIATA, Stimpson, Mar. Inv. Gr. Manan, 18.
——— Packard, Inv. Faun. Labr. i. 2. 271.

836. LEPRALIA LONCHÆA, Busk, 'Challenger,' xxx. 146.
——— Waters, 'Challenger,' lxxix. 28.

837. LEPRALIA MARGARITIFERA, Quoy and Gaim.; Busk, B. M. C. ii. 72.
——— Busk, 'Kerguelen,' sep. 3.
——— Busk, 'Challenger,' xxx. 145.
——— Waters, 'Challenger,' lxxix. 26.
Flustra margaritifera, Quoy and Gaimard, Voy. Uranie Zool. 605.
——— Lamx. in Q. and G. 'Uranie,' Plate xcii. fig. 7, 8.
——— Lamx. Ency. méth. xiv. 413.
——— Jullien, 'Cap Horn,' 58.
Escharina margaritifera, M. Edw. in Lamk. An. s. V. ed. 2. ii. 233.
Cellepora margaritifera, d'Orbigny, P. F. T. C. 402.

838. LEPRALIA MARGINIPORA, Reuss; Bk. Q. J. M. S. iv. 177.
——— Busk in Carpenter's Cat. Mazat. Moll. 4.
Cellepora marginipora, Reuss, Wien. tert. 88.
Reptescharellina marginopora, d'Orbigny, P. F. T. C. 452.

839. LEPRALIA MEGASTOMA, Busk, Crag Pol. 55.
——— Lorenz, 'Jan Mayen,' sep. 7.
Discopora megastoma, Smitt, K. S. B. 1871. 1128.
Cellepora californiensis, Gabb and Horn. Jour. Acad. Nat. Sci. 2. v. 130.

840. LEPRALIA MORTONI, Haswell, Proc. Lin. Soc. of N.S.W. v. part 1.

841. LEPRALIA MOSAICA, Kirkpatrick, A. M. N. H. 6. i. 79.

842. LEPRALIA MUCRONATA, Smitt; Waters, 'Challenger,' lxxix. 26.
Escharipora mucronata, Smitt, F. B. 24.
Mucronella mucronata, Waters, 'Curdies Creek,' 328.
——— Waters, 'Gambier,' 266.
——— Waters, 'Bairnsdale,' 507.
——— Waters, 'Muddy Creek,' 436.
——— Waters, 'Aldinga, 293.
——— Waters, Tert. Bry. N. Z. 55.
Lepralia celleporoides, Busk, 'Challenger,' xxx. 142.
Hemeschara celleporoides, Busk, 'Challenger,' Plate xvii. fig. 4.

843. LEPRALIA NITESCENS, Hincks, A. M. N. H. 5. x. 254.
——— Hincks, P. Q. C. I. 22.

844. LEPRALIA OCCLUSA, Busk; Waters, 'Challenger,' lxxix. 26.
Escharoides occlusa, Busk, 'Challenger,' xxx. 150.
Eschara occlusa, Busk, 'Challenger,' Plate xxi. fig. 8.

845. LEPRALIA PALLASIANA, Moll; Hincks, B. M. P. 297.
——— Hincks, A. M. N. H. 3. ix. 204.
——— Hincks, A. M. N. H. 5. vi. 9.
——— Busk, B. M. C. ii. 81.
——— Busk, J. R. M. S. viii. 144.
——— Waters, A. M. N. H. 5. iii. 42.
——— Waters, 'Bruccoli,' 10.
——— Busk, Crag Pol. 54.
——— Fischer, Bry. Sud-ouest France, 23.
——— Ostroumoff, Trud. obsch. est. xvi.
——— Smitt, K. S. B. 1867. 19.
——— Heller, Bry. Adr. 1867. 111.
——— Grube, 'Insel Lussin,' 67.
——— Pergens, Bry. Nord-ouest Méd. 8.
——— Pergens, 'Rhodes,' 28.
——— Manzoni, 'Rhodes,' 63.
——— Kirkpatrick, A. M. N. H. 6. ii. 14.
——— Seguenza, Form. terz. Reggio, 205, 295, 370.
? ——— Verrill, R. I. V. S. Extr. 419.
——— Alder, T. T. F. C. 142. sep. 52.
——— MacGill. C. V. 26.
——— Smitt, Bidr. Känn. Bry. Ups. Univ. 1863. sep. 34.
——— Smitt, Öfvers Vet. Ak. 1865. 7, 18, 28.
Eschara Pallasiana, Moll, 'Eschara,' ed. 1803. 57.
Lepralia pertusa, McCoy, P. Z. V. decade iv. 26.
Cellepora Pallasiana, Lamx. P. C. F. 94.
——— Lamx. Ency. méth. xiv. 184.
——— Hincks, A. M. N. H. 3. ix. 204.
——— ? d'Orbigny, P. F. T. C. 403.
Escharina Pallasiana, M. Edw. in Lamk. An. s. V. ed. 2. ii. 231.
Lepralia pedilostoma, Hassall, A. M. N. H. vii. 368. non Couch. [H.]
Lepralia pediostoma, Johnston, B. Z. ed. 2. 315.
——— Hassall, A. M. N. H. ix. 407.
——— Grey, B. M. C. i. 120.
——— Landsb. B. Z. 316.
——— Hincks, A. M. N. H. 2. viii. 357.
Flustra hibernica, Hassall, A. M. N. H. vi. 172.
——— Hassall, A. M. N. H. vii. 370.
Escharina pediostoma, Leidy, Proc. Bos. N. H. iii. 141.
——— Leidy, 'Rhode Island,' 2. iii. 141.

845*a*. L. PALLASIANA, var. ARMATA, Busk, Q. J. M. S. iv. 309.
——— Waters, A. M. N. H. 5. iii. 42.

845*b*. L. PALLASIANA, var. PROJECTA, Waters, A. M. N. H. 5. iii. 42.
? *Eschara Otto Mulleriana*, Moll, 'Eschara,' ed. 1803. 60. [W.]
Escharina Otto Mulleriana, M. Edw. in Lamk. An. s. V. ed. 2. ii. 233.
Cellepora Otto Mulleriana, Lamx. P. C. F. 95. (Eng. 42.)
——— Lamx. Ency. méth. xiv. 184.
——— d'Orbigny, P. F. T. C. 403.
——— Risso, Eur. Mérid. v. 337.

846. LEPRALIA PERTUSA, Esper; Busk, B. M. C. ii. 80. Plate lxxviii. fig. 1, 3. non 2.
——— Norman, Q. J. M. S. n.s. viii. 222.
——— Johnston, B. Z. ed. 2. 311.
——— Landsb. B. Z. 312.
——— Hincks, B. M. P. 305.
——— Waters, A. M. N. H. 5. iii. 31.
——— Waters, 'Muddy Creek,' 437.
——— Waters, Tert. Bry. N. Z. 61.
——— Gray, B. M. C. i. 119.
——— Kirchenpauer, Cat. E. Grönl. 421.
——— Heller, Bry. Adr. 1867. 111.
——— Grube, 'Insel Lussin,' 67.
——— MacGill. C. V. 26.
——— Pergens, Bry. Nord-ouest Méd. 8.
——— Pergens, 'Tasmajdan,' supp. note.
——— Pergens, 'Rhodes,' 29.
——— Seguenza, Form. terz. Reggio, 83, 206, 329, 371.
Cellepora pertusa, Esper, Pflanzen. 149.
——— Lamx. P. C. F. 89.
——— Lamx. Ency. méth. xiv. 182.
——— d'Orbigny, P. F. T. C. 401.
Escharina pertusa, Lamk. An. s. V. ed. 2. ii. 232.
Escharella pertusa, Smitt, F. B. ii. 55.
Escharina perlacea, Lamk. An. s. V. ed. 2. ii. 234.
Lepralia pertusa, var. rotundata, Waters, A. M. N. H. 5. iii. 31.
Cellepora perlacea, d'Orbigny, P. F. T. C. 400.
——— Chiaje, Mem. An. s. V. iii. 37.
——— Blainville, M. d'A. 444.
——— Chiaje, Descr. notam. An. s. V. v. 148.
——— Wyv. Thomp. A. M. N. H. x. 20.

This species is not the *Celleporina pertusa* of Eichwald, nor the *Lepralia pertusa* of Manzoni, nor the *Lepralia pertusa* of Hutton's New Zealand Catalogue.

847. LEPRALIA POCULA, HUTTON, Proc. Roy. Soc. Tasm. 1877. 24.

848. LEPRALIA POISSONII, AUDOUIN; Hincks, A. M. N. H. 5. viii. [63.
——— Hincks, A. M. N. H. 5. xv. 256.
——— Kirkpatrick, A. M. N. H. 6. i. 78.
——— Kirkpatrick. A. M. N. H. 6. ii. 14.
——— Waters, A. M. N. H. 6. iv. 14.
——— Waters, Tert. Bry. N. Z. 59.
Flustra Poissonii, Savigny, Zool. Egypt. Plate x. fig. 5.
——— Audouin, Expl. 68.
Reptescharellina Poissonii, d'Orbigny, P. F. T. C. 454.
Lepralia Kirchenpaueri, Heller, var. *teres*, Hincks, A. M. N. H. 5. vi. 9.
Lepralia setigera, MacGill. non Smitt, Tr. Roy. Soc. Vic. xix. 133.
——— MacGill. Descr. new Pol. ii. 4.
——— MacGill. C. V. 26.
Lepralia odontostoma, Reuss, Bry. mioc. d'Aust. 16.
? *Flustra acanthina*, Quoy et Gaim. Voy. Uranie, Plate lxxxix.
? ——— Lamx. Ency. méth. xiv. 414. [fig. 1, 2.
? *Cellepora acanthina*, d'Orbigny, P. F. T. C. 403.

849. LEPRALIA POLITA, NORMAN, A. M. N. H. 3. xiii. 87.
——— Hincks, B. M. P. 315.

850. LEPRALIA POLYGONIA, JULLIEN, 'Travailleur,' 17.

851. LEPRALIA PORCELLANA, BUSK, Q. J. M. S. viii. 283.

852. LEPRALIA QUADRATA, MACGILLIVRAY, C. V. 26.
Eschara quadrata, McCoy, P. Z. V. decade v. 42.
Eschara elegans, MacGill. non M. Edw. Descr. Aus. Pol. 1868. 13.
Mucronella elegans, MacGill. var. Waters, 'Curdies Creek,' 329.

853. LEPRALIA QUADRIDENTATA, HASSALL; Landsb. B. Z. 309.
Lepralia 4-dentata, Hassall, A. M. N. H. vi. 171.
——— Johnston, B. Z. ed. 2. 309.
——— MacGill. A. M. N. H. ix. 467.

854. LEPRALIA RECTILINEATA, HINCKS, A. M. N. H. 5. xi. 110.
——— Waters, A. M. N. H. 6. iv. 13.
——— Waters, Tert. Bry. N. Z. 60.
Lepralia vellicata, Hutton, N. Z. Cat. 193.
——— Hutton, C. M. M. 98.

855. LEPRALIA ROBUSTA, HINCKS, A. M. N. H. 5. xiii. 360.
——— Hincks, Jour. Lin. Soc. xxi. 131.

856. LEPRALIA ROSTRATA, BUSK, Q. J. M. C. iv. 178.
——— Bk. in Carpenter's Cat. Mazat. Moll. 4.

857. LEPRALIA RUBENS, Stimpson, Mar. Inv. Gr. Manan, 19.

858. LEPRALIA SCABRA, Lamarck.
Discopora scabra, Lamk. An. s. V. ed. 1. ii. 168.

859. LEPRALIA SEMILUNARIS, Hassall, A. M. N. H. ix. 411.
——— Johnston, B. Z. ed. 2. 320.
——— Landsb. B. Z. 322.
? *Lepralia pustulata*, Couch, Corn. Faun. iii. 113.

860. LEPRALIA SETIGERA, Smitt.
Escharella setigera, Smitt, F. B. ii. 58.

861. LEPRALIA SINCERA, Smitt; Hks. A. M. N. H. 4. xix. 102.
——— Lorenz, 'Jan Mayen,' sep. 6.
Discopora sincera, Smitt, K. S. B. 1867. 28.
Hemeschara sincera, Busk, Jour. Lin. Soc. xv. 237.

862. LEPRALIA SPATHULIFERA, Smitt, K. S. B. 1867. 20.
——— Lorenz, 'Jan Mayen,' sep. 7.

863. LEPRALIA STRIATULA, Hincks, A. M. N. H. 5. x. 97.

864. LEPRALIA SUBIMMERSA, MacGillivray, C. V. 26.
——— McCoy, P. Z. V. decade iv. 23.
——— Hincks, A. M. N. H. 5. xv. 254.
——— Waters, 'Aldinga,' 299.
——— Waters, A. M. N. H. 6. iv. 11.

864*a*. L. SUBIMMERSA, MacG. VAR. Waters, A.M.N.H. 6. iv. 11.

865. LEPRALIA TUBEROSA, Busk, 'Challenger,' xxx. 143.
Hemeschara tuberosa, Bk. 'Challenger,' Plate xvii. fig. 7.

866. ? LEPRALIA UMBRACULA, Savigny.
Flustra umbracula, Savigny, Zool. Egypt. Plate ix. fig. 7.

867. LEPRALIA VESTITA, Hincks, A. M. N. H. 5. xv. 256.
——— Waters, A. M. N. H. 5. xx. 194.

867*a*. L. VESTITA, var. AUSTRALIS, Waters, A.M.N.H. 6. iv. 12.

868. LEPRALIA VITREA, Lorenz, 'Jan Mayen,' sep. 7.

899. LICHENOPORA ALGOENSIS, Busk.
Discoporella algoensis, Busk, B. M. C. iii. 31.

870. LICHENOPORA ANNULARIS, Heller.
Discosparsa annularis, Heller, Bry. Adr. 1867. 123.
Discoporella annularis, Busk, B. M. C. iii. 34.

871. LICHENOPORA BULLATA, MacGillivray, Descr. new Pol. xi. 6.
——— MacGill. Tr. Roy. Soc. Vic. 1886.
——— MacGill. C. V. 33.

872. LICHENOPORA CALIFORNICA, d'Orb. ; Waters, Jour. Lin. Soc. xx. 282.
——— Waters, A. M. N. H. 6. iv. 21.
Unicavea californica, d'Orbigny, P. F. T. C. 972.
Discoporella californica, Busk, B. M. C. iii. 32.

873. LICHENOPORA CANALICULATA, Busk.
Discoporella canaliculata, Busk, 'Kerguelen,' sep. 7.
——— Busk, A. M. N. H. 4. xvii. 118.

874. LICHENOPORA CILIATA, Busk ; Waters, A. M. N. H. 5. xx. [263.
Discoporella ciliata, Busk, B. M. C. iii. 31.
Non ——— Hutton, N. Z. Cat. 199.
——— Haswell, Proc. Lin. Soc. of N.S.W. iv. 354.
Discopora ciliata, Busk, J. R. M. S. iii. 256. no plate.

'Ought not *L. ciliata* to be considered a variety of *L. verrucaria*, Fabr.?'—Waters.

875. LICHENOPORA CLYPEIFORMIS, d'Orbigny ; Waters, Tert. Bry. N. Z. Cyclos. 345.
Tubulipora clypeiformis, d'Orbigny, Voy. Am. 19.
Unicavea clypeiformis, d'Orbigny, P. F. T. C. 972.

876. LICHENOPORA CLYPEIFORMIS, Smitt, non d'Orb.
Discoporella clypeiformis, Smitt, F. B. i. 12.
——— Jullien, 'Travailleur,' 7.

877. LICHENOPORA COMPLICATA, Haswell.
Discoporella complicata, Haswell, Proc. Lin. Soc. of N.S.W. iv. 354.

878. LICHENOPORA ECHINATA, MacGillivray, C. V. 33.
——— Waters, Jour. Lin. Soc. xx. 282.
Discoporella echinata, MacGill. Tr. Roy. Soc. Vic. xx. 127.
——— MacGill. Descr. new Pol. vi. 2.

879. LICHENOPORA FIMBRIATA, Busk, 'Challenger,' l. 26.
——— MacGill. C. V. 33.
Discoporella fimbriata, Busk, B. M. C. iii. 32.
——— Busk, 'Kerguelen,' sep. 7.
——— Hutton, Tr. Roy. Soc. Tasmania, 1877. 25.

880. LICHENOPORA HISPIDA, Fleming; Hincks, B. M. P. 473.
——— Waters, A. M. N. H. 6. iv. 22.
——— Waters, Bry. foss. Aus. Cyclos. 694.

LICHENOPORA HISPIDA, Fleming (*continued*)—
——— Waters, Tert. Bry. N. Z. Cyclos. 345.
——— Busk, 'Challenger,' l. 26.
——— Lorenz, 'Jan Mayen,' sep. 16.
——— Pergens, Bry. Nord-ouest Méd. 7.
——— Pergens, Bry. env. Brest, 9.
——— Pergens, 'Rhodes,' 10.
Discoporella hispida, Busk, B. A. Rep. 1859. 147.
——— Busk, B. M. C. iii. 30.
——— Smitt, K. S. B. 1865. 406.
——— Busk, Crag Pol. 115.
——— Waters, A. M. N. H. 5. iii. 277.
——— Fischer, Bry. Sud-ouest France, 10.
——— Seguenza, Form. terz. Reggio, 213, 297, 330, 372.
——— Kirchenpauer, Cat. E. Grönl. 427.
——— Manzoni, 'Rhodes,' 71.
Disporella hispida, Gray, B. M. C. i. 138.
Discopora hispida, Fleming, B. A. 530.
——— Johnston, B. Z. ed. 1. 270.
——— Blainville, M. d'A. 446.
——— Couch, Zooph. Cornw. 47.
——— Couch, Corn. Faun. iii. 109.
Tubulipora hispida, Johnston, B. Z. ed. 2. 268.
——— Landsb. B. Z. 271.
——— Thompson, A. M. N. H. v. 273.
——— Hassall, A. M. N. H. vi. 171.
——— MacGill. A. M. N. H. ix. 466.
——— Busk, A. M. N. H. 2. xviii. sep. 4.
——— Alder, T. T. F. C. 45.
——— Busk, Norway dredg. 1855. ii. 4.
——— Sars, N. Mag. Nat. vi. 145.
——— Packard, Inv. Faun. Labr. i. 2. 269.
——— Packard, List Labr. M. A. 6.
——— Grube, 'Inseln Lussin,' 68.
Heteroporella hispida, Hincks, A. M. N. H. ix. 469.
β. Discocavea aculeata, d'Orbigny, P. F. T. C. 958.
Lichenopora aculeata, d'Orbigny, Plate dcclxxvi. fig. 5-8.
Tubulipora echinulata, Reuss, Wien. tert. 50.
Discoporella echinulata, Manzoni, Bry. mioc. d'Aust. iii. 15.
——— Seguenza, Form. terz. Reggio, 85.
Unicavea convexa, d'Orbigny, P. F. T. C. 972.
Discoporella convexa, Busk, B. M. C. iii. 33.
Madrepora verrucaria, Linn. Syst. Nat. ed. 10. 795.
——— Linn. Syst. Nat. ed. 12. 1272.
——— Pallas, Elenchus, 280.
——— Solander, Zooph. 137.

LICHENOPORA HISPIDA, Fleming (*continued*)—
? *Heteroporella radiata*, Busk, Crag Pol. 127.
? *Tubulipora orbicularis*, Lamk. An. s. V. ed. 1. ii. 163.
——— Lamk. An. s. V. ed. 2. ii. 243.
Fungus marinus, Ginan. adr. Plate iv. fig. 10.
Discoporella crassiuscula, Smitt, K. S. B. 1865. 406. [Jln.]
——— Fischer, Bry. Sud-ouest France, 11.
——— Winther, Bry. Danmark, sep. 11.

880*a*. L. HISPIDA, var. MEANDRINA, Peach; Hks. B. M. P. 473.
——— Pergens, Bry. env. Brest, 9.
Discopora meandrina, Peach, Jour. Lin. Soc. Zool. xiii. 482.

880*b*. L. HISPIDA, var. β. Hincks, B. M. P. 473.

Of *Discoporella crassiuscula*, Jullien writes thus: 'Les jeunes colonies de cette espèce (*Lichenopora hispida*) ont été décrites par Smitt comme espèce particulière sous le nom de *Discoporella crassiuscula*.'—Cap Horn, page 13.

881. LICHENOPORA HOLDSWORTHII, Busk; Waters, Jour. Lin. Soc. xx. 285.
——— Waters, A. M. N. H. 5. xx. 261.
——— Waters, Tert. Bry. N. Z. Cyclos. 347.
——— MacGill. C. V. 33.
? *Discoporella ciliata*, Hutton, N. Z. Cat. 199.
Discoporella Holdsworthii, Busk, B. M. C. iii. 33.

882. LICHENOPORA INFUNDIBULIFORMIS, Busk.
Discoporella infundibuliformis, Busk, 'Kerguelen,' sep. 7.
——— Busk, A. M. N. H. 4. xvii. 118.

883. LICHENOPORA MAGNIFICA, MacGillivray, Descr. new Pol. xi. 7.
——— MacGill. Tr. Roy. Soc. Vic. 1886.
——— MacGill. C. V. 33.

884. LICHENOPORA MEDITERRANEA, Blainville, M. d'A. 407. neither description nor figure.
——— Michelin, Iconog. 68. [B.]
——— Pergens, Bry. Nord-ouest Méd. 7.
——— Pergens, 'Rhodes,' 11.
Discoporella mediterranea, Busk, B. M. C. iii. 33.
——— Waters, A. M. N. H. 5. iii. 277.
——— Waters, 'Bruccoli,' 18.
——— Seguenza, Form. terz. Reggio, 330, 372.
Unicavea mediterranea, d'Orbigny, P. F. T. C. 971.
Actinopora mediterranea, d'Orbigny, Prod. Pal. Strat. iii. 188.
? *Defrancea sp.* Manzoni, 'Rhodes,' 71. [P.]

885. LICHENOPORA MELLEVILLENSIS, d'Orbigny.
Discoporella mellevillensis, Busk, B. M. C. iii. 34.
Discocavea mellevillensis, d'Orbigny, P. F. T. C. 959.

886. LICHENOPORA NOVÆ-HOLLANDIÆ, d'Orbigny.
Unicavea novæ-hollandiæ, d'Orbigny, P. F. T. C. 971.
Discoporella novæ-hollandiæ, Busk, B. M. C. iii. 33.

887. LICHENOPORA NOVÆ-ZELANDIÆ, Busk.
Discoporella novæ-zelandiæ, Busk, B. M. C. iii. 32.
——— Hutton, Tr. Roy. Soc. Tasmania, 1877. 25.
——— Hutton, N. Z. Cat. 199.
——— Haswell, Proc. Lin. Soc. of N.S.W. iv. 353.
Lichenopora novæ-zelandiæ, Hincks, Jour. Lin. Soc. xxi. 132.
——— Waters, A. M. N. H. 5. xx. 261.

888. LICHENOPORA POROSA, Haswell.
Discoporella porosa, Haswell, Proc. Lin. Soc. of N.S.W. iv. 354.

889. LICHENOPORA PRISTIS, MacGillivray, C. V. 33.
Discoporella pristis, MacGill. Descr. new Pol. 1883. 1.
——— MacGill. Tr. Roy. Soc. Vic. Dec. 1883.

890. LICHENOPORA RADIATA, Audouin; Hincks, B. M. P. 476.
——— Waters, Bry. foss. Aus. Cyclos. 694.
——— Waters, Tert. Bry. N. Z. Cyclos. 345.
——— Pergens, 'Rhodes,' 10.
——— MacGill. C. V. 33.
Discoporella radiata, Busk, B. M. C. iii. 32.
——— Waters, 'Bruccoli,' 19.
——— Waters, A. M. N. H. 5. iii. 276.
——— Pergens, Bry. Nord-ouest Méd. 7.
——— Seguenza, Form. terz. Reggio, 213, 330, 372.
Unicavea radiata, d'Orbigny, P. F. T. C. 971.
Melobesia radiata, Savigny, Zool. Egypt. Plate vi. fig. 3.
——— Audouin, Expl. 59. (235 of ed. fol.)
Discoporella flosculus, Hincks, A. M. N. H. ix. 468.
Discosparsa patina, Heller, Bry. Adr. 1867. 122. [H.]
Tubulipora patina, M. Edw. Recherches, 9. [P.]
——— M. Edw. An. sc. n. 2. viii. 329.
Discoporella sp. Manzoni, 'Rhodes,' 71. [P.]
? *Obélie rayonnante*, Quoy and Gaimard, 'Uranie,' Zool. Plate lxxxix. fig. 12.

891. LICHENOPORA REGULARIS, d'Orbigny; Hks. B. M. P. 479.
Actinopora regularis, d'Orbigny, P. F. T. C. 763.
Multitubigera regularis, Waters, Jour. Lin. Soc. xx. 280.

892. LICHENOPORA RUGOSA, MacGillivray. [W.]
Favosipora rugosa, MacGill. Descr. new Pol. vii. 7.
——— MacGill. Tr. Roy. Soc. Vic. 1884.
——— MacGill. C. V. 33.

893. LICHENOPORA SPINULOSA, Jullien.
Disporella spinulosa, Jullien, 'Cap Horn,' 83.

894. LICHENOPORA TRIDENTATA, Haswell.
Discoporella tridentata, Haswell, Proc. Lin. Soc. of N.S.W. iv. 355.

895. LICHENOPORA VENABULUM, nov. nom. Jullien.
Disporella venabulum, Jullien, 'Cap Horn,' 84.
Discoporella grignonensis, Busk, Crag Pol. 116.
Lichenopora grignonensis, Ridley, Proc. Zool. Soc. 1881. 57.
——— Waters, A. M. N. H. 5. xx. 262.
? *Discoporella canaliculata*, Busk, Phil. Trans. clxviii. 199. [W.]
——— Busk, 'Kerguelen,' sep. 7.
——— Busk, A. M. N. H. 4. xvii. 118.

896. LICHENOPORA VERRUCARIA, Fabr.; Hincks, B. M. P. 478.
——— Smitt, Bry. Nov. Zem. 1878. No. 3. 15.
——— Ridley, A. M. N. H. 1881. 452.
——— Levinsen, 'Kara-Havet,' 22.
——— Lorenz, 'Jan Mayen,' sep. 17.
——— Vigelius, 'Wm. Barents,' 6.
Madrepora verrucaria, Fabricius, Faun. Grönl. 430.
? ——— Linn. Syst. Nat. ed. 10. 793. [H.]
? ——— Linn. Syst. Nat. ed. 12. 1272.
Discoporella verrucaria, Busk, B. M. C. iii. 31.
——— Smitt, K. S. B. 1865. 405. [B.]
——— Kirchenpauer, Cat. E. Grönl. 427.
——— Waters, A. M. N. H. 5. iii. 276.
——— Winther, Bry. Danmark, sep. 10.
——— Seguenza, Form. terz. Reggio, 213, 330.
? *Tubulipora hispida*, (pars) Johnston, B. Z. ed. 2. 268. [H.]
? *Discosparsa hispida*, Heller, Bry. Adr. 1867. 123. [H.]
Tubulipora hispida, Grube, 'Inseln Lussin,' 68. [Hl.]
——— Alder, T. T. F. C. 45. [S.]
? *Discocavea verrucaria*, d'Orbigny, P. F. T. C. 958.

This species is not the *Discoporella verrucaria* of Manzoni, Bry. plioc. It. iv.

897. LICHENOPORA VICTORIENSIS, nom. nov. Waters, Jour. Lin. Soc. xx. 284.
——— Waters, A. M. N. H. 6. iv. 22.

LICHENOPORA VICTORIENSIS (*continued*)—
Discoporella reticulata, MacGill. Tr. Roy. Soc. Vic. xx. 126.
——— MacGill. Descr. new Pol. viii. 1.
——— MacGill. C. V. 33.

898. LICHENOPORA WILSONI, MacGillivray, Descr. new Pol. xii. 4.
——— MacGill. Tr. Roy. Soc. Vic. 1886.
——— MacGill. C. V. 33.

899. LIRIOZOA TULIPIFERA, Solander, Zooph. 27.
Sertularia tulipifera, Linn. Syst. Nat. ed. Gmelin, 3862.
Tuliparia tulipifera, Blainville, M. d'A. 485.
Pasythea tulipifera, Lamx. P. C. F. 156.
——— Lamx. Expos. méth. 9.
——— Lamx. Ency. méth. xiv. 603.
Liriozoa caribœa, Lamk. An. s. V. ed. 1. ii. 133.
Epicaulidium pulchrum, Hincks, A. M. N. H. 5. vii. 43.
——— Hincks, A. M. N. H. 5. viii. 76.
Tulip Coralline, Solander, Zooph. 27.

900. LIRIPORA FASCICULATA, MacGillivray, Descr. new Pol. xii. 4.
——— MacGill. Tr. Roy. Soc. Vic. 1886.
——— MacGill. C. V. 32.
Diastopora fasciculata, MacGill. Descr. new Pol. vii. 6.
——— MacGill. Tr. Roy. Soc. Vic. 1884.

901. LIRIPORA LINEATA, MacGillivray, genus only. Descr. new Pol. xii. 4.
——— MacGill. Tr. Roy. Soc. Vic. 1886.
——— MacGill. C. V. 32.
Diastopora lineata, MacGill. Descr. new Pol. vii. 5.
——— MacGill. Tr. Roy. Soc. Vic. xxi. 96.
Discotubigera ? lineata, Waters, A. M. N. H. 5. xx. 260.
——— Waters, Jour. Lin. Soc. xx. 284.

902. LOBIANCOPORA HYALINA, Pergens, Bull. Soc. R. M. Belge, xxiii. sep. 5.

903. LOXOSOMA ALATA, Barrois, Recherches Embry. Bry. 9.

904. LOXOSOMA CLAVIFORME, Hincks, B. M. P. 575.

905. LOXOSOMA COCHLEAR, O. Schmidt, Arch. mik. anat. Bd. 12. sep. 3.

906. LOXOSOMA CRASSICAUDA, Salensky, An. sc. nat. Zool. 6. v. Art. 3.

907. LOXOSOMA KEFERSTEINII, Claparède, An. sc. nat. 5. viii. 28.
——— Claparède, Zeitsch. wiss. zool. xxi. 170.
? *Loxosoma sp.* Hincks, A. M. N. H. 5. xix. 312.

908. LOXOSOMA LEPTOCLINI, Harmer, Q. J. M. S. xxv.

909. LOXOSOMA NEAPOLITANA, Kowalewsky, Mém. Ac. Imp. sc. Pétersbourg, 7. x. No. 2.

910. LOXOSOMA NITSCHEI, Vigelius, 'Wm. Barents,' 19.

911. LOXOSOMA PHASCOLOSOMATUM, Vogt, Arch. Zool. exper. v. 305.
——— translated by Hincks, Q. J. M. S. n.s. xvii. 353.
——— Hincks, B. M. P. 574.
——— Barrois, Embry. Bry. 1877. 8.
——— Norman, A. M. N. H. 1879. 133.
Strephenterus claviger, Norman, A. M. N. H. 3. vii. 112.

912. LOXOSOMA RAJA, O. Schmidt, Arch. mik. anat. Bd. 12. sep. 3.

913. LOXOSOMA SINGULARE, Keferstein, Zeitsch. wiss. Zool. xii. 13.
——— Claparède, Beob. An. entw. wirbell. Thiere, etc. 135.
——— Barrois, Embry. Bry. 9, 10.
——— O. Schmidt, Arch. mik. anat. Bd 12. sep. 3.
——— Hincks, B. M. P. 573.

914. LOXOSOMA TETHYÆ, Salensky, An. Sci. Nat. Zool. 6. v. (1877.)

915. LUNULITES ANGULOPORA, Tenison-Woods, Tr. Roy. Soc. of S. Aus. iii. sep. 7.
Bipora angulopora, Whitelegge, Pr. Lin. Soc. of N.S.W. 2. ii. 343.
——— Whitelegge, A. M. N. H. 6. i.

Whitelegge refers the *Conescharellina conica* of Haswell, and the *Lunulites incisa* of Hincks to this species.

916. LUNULITES CAPULUS, Busk, B. M. C. ii. 100.
——— Busk, Voy. Ratt. i. Plate i. fig. 13, 14.
Lunularia capulus, Busk, 'Challenger,' xxx. 208.

917. LUNULITES CRASSA, Tenison-Woods, Tr. Roy. Soc. of S. Aus. iii. sep. 5.
Bipora crassa, Whitelegge, Pr. Linn. Soc. of N.S.W. 2. ii. 343.
——— Whitelegge, A. M. N. H. 6. i.

918. LUNULITES GIBBOSA, Busk, B. M. C. ii. 100.

919. LUNULITES PHILLIPPENSIS, Busk, B. M. C. ii. 101.
Bipora phillippensis, Whitelegge, Pr. Lin. Soc. of N.S.W. 2. ii.
——— Whitelegge, A. M. N. H. 6. i.

920. LYRULA, genus only, Jullien, Bull. Soc. Zool. France, 1886. 6.

921. MAMILLOPORA CUPULA, Smitt, F. B. ii. 33.

922. MAPLESTONIA CIRRATA, MacGillivray, Descr. new Pol. vii. 1.
——— MacGill. Tr. Roy. Soc. Vic. 1884.
——— MacGill. C. V. 13.
——— McCoy, P. Z. V. decade xiii. 99.

923. MAPLESTONIA SIMPLEX, MacGillivray, Descr. new Pol. viii. 2.
——— MacGill. C. V. 13.

924. MASTIGOPHORA DUTERTREI, Audouin; Hincks, B. M. P.
——— Waters, 'Aldinga,' 301. [279.
Flustra Dutertrei, Savigny, Zool. Egypt. Plate ix. fig. 2.
——— Audouin, Expl. 67.
Reptescharellina Dutertrei, d'Orbigny, P. F. T. C. 453.
Lepralia Woodiana, Busk, Crag Pol. 42.
——— Busk, Q. J. M. S. viii. 284.
——— Hincks, Q. J. M. S. viii. 276.
——— Hincks, A. M. N. H. 3. ix. sep. 42.
——— Peach, Jour. Roy. Inst. Cornw. xviii. sep. 2.
Millepora punctata, Phil. Beit. Kennt. tert. nord. Deutsch. 67.
Lepralia aurita, Reuss, Septarienthon, 62. [H.]
Lepralia otophora, Manzoni, non Reuss, 'Castrocaro,' 23. [H.]

924*a*. M. DUTERTREI, var. PESANSERIS, Smitt; Kirkpatrick, A. M. N. H. 6. i. 77.
Hippothoa pesanseris, Smitt, F. B. ii. 43.

925. MASTIGOPHORA HYNDMANNI, Johnston; Hks. B. M. P.
Lepralia Hyndmanni, Johnston, B. Z. ed. 2. 306. [281.
——— Landsb. B. Z. 306.
——— Busk, B. M. C. ii. 74.
——— Norman, B. A. Rep. 1868. 307.
Herentia Hyndmanni, Gray, B. M. C. i. 122.
Hippothoa Hyndmanni, Smitt, F. B. ii. 41.

926. MASTIGOPHORA POROSA, Smitt.
Hippothoa porosa, Smitt, F. B. ii. 41.

927. MEGAPORA RINGENS, Busk; Hks. B. M. P. 172.
——— Hincks, A. M. N. H. 4. xx. 529.
Lepralia ringens, Busk, Q. J. M. S. iv. 308.
——— Busk, Q. J. M. S. viii. 144.
——— Norman, B. A. Rep. 1868. 307.

928. MELICERITA ATLANTICA, Busk, 'Challenger,' xxx. 96.
——— Waters, 'Challenger,' lxxix. 17.

929. MELICERITA DUBIA, Busk, 'Challenger,' xxx. 97.
Melicerita ? dubia, Waters, 'Challenger,' lxxix. 17.
Vincularia rhombica, Busk, 'Challenger,' Plate xxxiii. fig. 10.

930. MEMBRANIPORA ACULEATA, d'Orbigny.
Biflustra aculeata, d'Orbigny, P. F. T. C. 244.

931. MEMBRANIPORA ACUTA, Hincks, A. M. N. H. 5. xv. 249.

932. MEMBRANIPORA ALBIDA, Hincks, A. M. N. H. 5. vi. 13.
? ——— Busk, 'Challenger,' xxx. 63.

933. MEMBRANIPORA ALBISPINA, MacGillivray, Descr. new Pol. Dec. 1881. 2.
Amphiblestrum albispinum, McCoy, P. Z. V. decade xiii. 106.
——— MacGill. C. V. 20.

934. MEMBRANIPORA AMERICANA, d'Orbigny; Packard, Inv. Faun. Labr. i. 2. 272.
Reptoflustrella americana, d'Orbigny, P. F. T. C. 571.
Membranipora Lacroixii, Packard, List. Labr. M. A. 8. [S.]
——— Packard, Canad. Nat. 408.
Memb. lineata, Linn., form *americana*, d'Orb.; Smitt, K. S. B. 1867. 366.

935. MEMBRANIPORA AMPLECTENS, Hincks, A. M. N. H. 5. viii. 70.
——— MacGill. C. V. 20.

936. MEMBRANIPORA ANGULOSA, Reuss; Waters, A. M. N. H. 5. iii. 122.
——— Waters, 'Bruccoli,' 4.
——— Reuss, ält. tert. Alp. ii. 41, 50.
——— Reuss, Bry. mioc. d'Aust. 45.
——— Manzoni, 'Castrocaro,' 8.
——— Manzoni, 'Rhodes,' 62.
——— Manzoni, Bry. plioc. It. iv. 9.
——— Seguenza, Form. terz. Reggio, 81, 128, 198, 294, 328, 368. [P.]
——— Gottardi, Bry. foss. Mont. Magg. 301.
——— Pergens, 'Rhodes,' 16.
——— Pergens, 'Tasmajdan,' 19.
——— Meunier and Pergens, Bry. syst. mont. 8.
——— Pergens, 'Faxe,' 56.
Cellepora angulosa, Reuss, Wien. tert. 93.
Lepralia angulosa, Reuss, 'Oberburg,' 30.
Eschara excavata, Reuss, Wien. tert. 72. [W.]
Biflustra excavata, Reuss, Bry. mioc. d'Aust. ii. 19.
——— Gottardi, Bry. foss. Mont. Magg. 303.

MEMBRANIPORA ANGULOSA, Reuss (*continued*)—
Eschara subexcavata, d'Orbigny, P. F. T. C. 102.
Cellepora angulosa, d'Orbigny, P. F. T. C. 398.
Amphiblestrum angulosum, Pergens, Wola Lu'zanska, 67.
——— Pergens, Bry. Nord-ouest Méd. 8.
Hemeschara trapezoidea, Reuss, 'Crosaro,' Plate xxix. fig. 14. no description.
Hemieschara trapezoidea, Seguenza, Form. terz. Reggio, 130.
Membranipora antiqua, Busk, Q. J. M. S. vi. 262. [M. and P.]
——— Hincks, A. M. N. H. 5. vi. 20.
Mollia antiqua, Smitt, F. B. ii. 12. [M. and P.]
Onychocella antiqua, Jullien, Bull. Soc. Zool. France, Extr. vi. sep. 9.

937. MEMBRANIPORA ANNULUS, Manzoni, 'Castrocaro,' 12. Plate i. fig. 9.
——— Manzoni, Bry. plioc. It. iv. 7. Plate i. fig. 6 (?).
——— Manzoni, 'Rhodes,' 62.
——— Waters, Tert. Bry. N. Z. 47.
——— Seguenza, Form. terz. Reggio, 80, 198, 294, 328.
——— Pergens, 'Rhodes,' 17.
Membranipora dentata, Waters, 'Gambier,' 263.
Flustrellaria dentata, d'Orbigny, P. F. T. C. 525.
Membranipora galeata, Busk, B. M. C. ii. 62.
——— Busk, 'Kerguelen,' sep. 3.
——— Busk, Phil. Trans. clxviii. 195.
——— Busk, 'Challenger,' xxx. 64.
——— Jullien, 'Cap Horn,' 75.
——— var. *multifida*, 'Busk, 'Challenger,' xxx. 64.
——— var. *erecta*, Busk, 'Challenger,' xxx. 65.

938. MEMBRANIPORA APPENDICULATA, Reuss, Bry. mioc. d'Aust. 41. (181.)
——— Reuss, 'Oberoligocän,' 631.
——— Waters, 'Bairnsdale,' 504.
——— Koschinsky, Bry. tert. Bay. sep. 23.
——— Seguenza, Form. terz. Reggio, 80.
——— Gottardi, Bry. foss. Mont. Magg. 301.
Cellepora appendiculata, Reuss, Wien. tert. 96.
Reptoflustrella appendiculata, d'Orbigny, P. F. T. C. 571.
Membranipora cyclops, Busk, B. M. C. ii. 61. [W.]
——— Etheridge, Synop. Aus. tert. Pol. 11.

939. MEMBRANIPORA ARCTICA, d'Orbigny; Smitt, K. S. B. 1867. 367.
——— Vigelius, 'Wm. Barents,' 11.
——— Lorenz, 'Jan Mayen,' sep. 3.
Semiflustrellaria, d'Orbigny, m.s. [S.]
Reptoflustrella arctica, d'Orbigny, P. F. T. C. 571.

940. ? MEMBRANIPORA ARENULATA, Lamarck
Discopora arenulata, Lamk. An. s. V. ed. 1. ii. 168.

941. MEMBRANIPORA ARGENTEA, MacGillivray.
Lepralia trifolium, MacGill. Descr. new Pol. 1868. 9.
——— McCoy, P. Z. V. decade iv. 28.
Amphiblestrum argenteum, MacGill. C. V. 20.
——— MacGill. Tr. Roy. Soc. Vic. 1886.
——— MacGill. Descr. new Pol. xii. 1.

942. MEMBRANIPORA ARMATA, Haswell.
Biflustra armata, Hasw. Pr. Lin. Soc. of N.S.W. v. part 1.

943. MEMBRANIPORA ARMIFERA, Hincks, A. M. N. H. 5. vi. 14.

944. MEMBRANIPORA AURITA, Hincks, B. M. P 159
——— Hincks, A. M. N. H. 4. xx. 213.

945. ? MEMBRANIPORA BACCATA, Lamouroux.
Flustra baccata, Lamx. P. C. F. 108.
——— Lamx. Ency. méth. xiv. 406.

946. MEMBRANIPORA BELLULA, Hincks, A. M. N. H. 5. vii. sep. 36.
Electra bellula, Busk, 'Challenger,' xxx. 78. alluded to.

946*a*. M. BELLULA, var. BICORNIS, Hincks, A. M. N. H. 5. vii. sep. 36.

946*b*. M. BELLULA, var. MULTICORNIS, Hincks, A. M. N. H. 5. vii. sep. 36.

947. MEMBRANIPORA BENGALENSIS, Stoliczka, Jour. Asiatic Soc. 1869. Part ii. No. 1. 55.

This species is entered because placed as a *Membranipora*, but it is not truly marine; neither is it fresh water. Stoliczka says it was found at Port Canning with *Sagartia Schilleriana* in a tank of brackish water, and it also occurs in tanks containing only about one-fifth of sea water; also incrusting old trunks of wood along the Mutlah river, and on many points in the salt lakes, and in other places of the Sanderban. It does not occur in fresh water, where it appears to be replaced by *Hislopia*.

948. MEMBRANIPORA BICOLOR, Hincks, A. M. N. H. 5. vii. 35.

949. MEMBRANIPORA BIMAMILLATA, MacGillivray, Descr. new Pol. viii. 5.
Biflustra bimamillata, McCoy, P. Z. V. xi. 27.
——— MacGill. C. V. 21.

950. MEMBRANIPORA BIPARTITA, d'Orbigny, P. F. T. C. 543.

951. MEMBRANIPORA BRUNNEA, Hutton, C. M. M. 96.
——— Hutton, N. Z. Cat. 190.

952. MEMBRANIPORA BURSARIA, MacGillivray.
Amphiblestrum bursarium, MacGill. Descr. new Pol. xi. 3.
——— MacGill. Tr. Roy. Soc. Vic. 1886.
——— MacGill. C. V. 20.
Membranipora Rosselii, McCoy, P. Z. V. decade iii. 34. [McG.]
——— MacGill. Tr. Roy. Soc. Vic. 1881.

953. ? MEMBRANIPORA CANDEANA, d'Orbigny.
Flustrellaria candeana, d'Orbigny, P. F. T. C. 515.

954. MEMBRANIPORA CARTERI, Hincks, A. M. N. H. 5. vi. sep. 14.

955. MEMBRANIPORA CATENULARIA, Jameson; Hks. B.M.P. [134.
——— Waters, 'Curdies Creek,' 323.
——— Manzoni, 'Castrocaro,' 7.
——— Seguenza, Form. terz. Reggio, 197.
——— Pergens, Bull. Soc. R. M. Belg. xxii. sep. 2.
Tubipora catenularia, Jameson, Wern. Mem. i. 561.
Hippothoa catenularia, Fleming, B. A. 534.
——— Johnston, B. Z. ed. 1. 264.
——— Johnston, B. Z. ed. 2. 291.
——— Hassall, A. M. N. H. vi. 170.
——— Hyndman, A. M. N. H. x. 20.
——— Hincks, A. M. N. H. 3. ix. 24.
——— Gray, B. M. C. i. 116.
——— Couch, Zooph. Cornw. 43.
——— Couch, Corn. Faun. iii. 101.
——— Busk, B. M. C. i. 29.
——— Busk, B. A. Rep. 1859. 144.
——— Alder, Tr. T. F. C. supp. v. sep. 9.
——— Landsb. B. Z. 292.
——— Waters, 'Bruccoli,' 11.
——— Manzoni, Bry. plioc. It. iv. 6.
——— d'Orbigny, P. F. T. C. 383.
——— Packard, Inv. Faun. Labr. i. 2. 270.
——— Heller, Bry. Adr. 1867. 88.
——— Seguenza, Form. terz. Reggio, 327, 367.
Membranipora pilosa, form *catenularia*, Smitt, K. S. B. 1867. 370.
Membranipora pilosa, vars. ε and ζ, Fischer, Bry. Sud-ouest France.
Pyripora catenularia, McCoy, P. Z. V. decade xi. 24.
——— MacGill. C. V. 19.
Tubipora catenulata, Stewart, Elem. ii. 425.
Hippothoa Elliotæ, Gray, Zool. Miscel. 34.
Hippothoa rugosa, Stimpson, Inv. Faun. Gr. Manan, 1853. 18.
——— Packard, List Labr. M. A. 6.

MEMBRANIPORA CATENULARIA, Jameson (*continued*)—
Pyripora ramosa, d'Orbigny, P. F. T. C. 539.
Cellepora dubia, Desm. et Less. Plate ii. fig. 9. [P.]
Beaded Coralline, Couch, Zooph. Cornw. 43.
——— Couch, Corn. Faun. iii. 101.

956. MEMBRANIPORA CERVICORNIS, Busk, B. M. C. ii. 60.
——— Hincks, A. M. N. H. 5. vii. 153. sep. 40.
——— Waters, A. M. N. H. 6. iv. 3.
——— Waters, Tert. Bry. N. Z. 47.
——— McCoy, P. Z. V. decade iii. 32.
Amphiblestrum cervicorne, Busk, 'Challenger,' xxx. 66.
——— MacGill. C. V. 20.
Membranipora perversa, Waters, 'Gambier,' 48.
Membranipora galeata, var. *furcata*, Bk. 'Challenger,' xxx. 64. [W.]

957. MEMBRANIPORA CILIATA, d'Orbigny, P. F. T. C. 543.

958. MEMBRANIPORA CIRCUMCINCTA, Heller, Bry. Adr. 1867. 96.

959. MEMBRANIPORA CIRCUMCLATHRATA, Hks. A.M.N.H. 5. viii. sep. 72.

960. ? MEMBRANIPORA COMPLANATA, d'Orbigny.
Reptoflustrina complanata, d'Orbigny, P. F. T. C. 581.

961. MEMBRANIPORA CONFLUENS, Rss. in. Geinitz, 'Elbthalgeb.' ii. Plate xxiv. fig. 14.
——— Novak, Bry. böhm. Kreid. 11.
——— Novak, Denkschr. Ak. Wien. xxxvii.
——— Waters, 'Gambier,' 262.
Escharina confluens, Reuss, Verstein. böhm. Kreid. 68.
Membranipora pedunculata, Manzoni, Bry. plioc. It. iv. 7.
——— Hincks, A. M. N. H. 5. vi. 377. sep. 26.
Hippothoa crassa, MacGill. Tr. Roy. Soc. Vic. 1868.
——— MacGill. New Aus. Pol. 5.
Pyripora crassa, McCoy, P. Z. V. decade xi. 23.
——— MacGill. C. V. 19.
? *Membranipora catenularia*, Manzoni, 'Castrocaro,' Plate i. fig. 8.

962. MEMBRANIPORA CORBULA, Hincks, A. M. N. H. 5. vi. sep. 27.
——— Waters, A. M. N. H. 5. xx. 182.
——— McCoy, P. Z. V. decade xiii. 103.
——— MacGill. C. V. 20.

963. MEMBRANIPORA CORNICULIFERA, Hincks, A. M. N. H
——— Hincks, P. Q. C. I. 11. [5. x

964. MEMBRANIPORA CORNIGERA, Busk, Q. J. M. S. n.s. viii.
——— Busk, B. A. Rep. 1859. 145. [124.
——— Hincks, B. M. P. 164.
Memb. Flemingii, form *cornigera*, Smitt, K. S. B. 1867. 367.

965. MEMBRANIPORA CORONATA, Hincks, A. M. N. H. 5. vii. sep. 34.

966. MEMBRANIPORA CORRUGATA, Blainville, M. d'A. 447.

967. MEMBRANIPORA CRASSIDENTATA, Lamarck.
Flustra crassidentata, Lamk. An. s. V. ed. 1. ii. 159.
——— Lamk. An. s. V. ed. 2. ii. 224. (1816.)
Reptescharellina crassidentata, d'Orb. P. F. T. C. 334.
Is not this species the *Membranipora* (*Flustra*) *tuberculata* of Bosc? 1802.

968. MEMBRANIPORA CRASSIMARGINATA, Hks. A.M.N.H. 5. vi. sep. 3.
Biflustra crassimarginata, Bk. 'Challenger,' xxx. Plate xv. fig. 5.
Memb. crassimarginata, var. *incrustans*, Bk. 'Challenger,' xxx. 63.
Memb. crassimarginata, var. *erecta*, Bk. 'Challenger,' xxx. 63.

969. MEMBRANIPORA CRATICULA, Alder, T. T. F. C. iii. 144. sep. 54.
——— Ald. and Bk. Q. J. M. S. v. 248.
——— Hincks, A. M. N. H. 3. ix. 29.
——— Hincks, B. M. P. 147.
——— Ridley, A. M. N. H. 1881. 447.
——— Lorenz, 'Jan Mayen,' sep. 3.
——— Levinsen, 'Kara-Havet,' 13.
Flustra lineata, Couch, Zooph. Cornw. 55.
——— Couch, Corn. Faun. iii. 124. [H.]
Memb. lineata, form *craticula*, Smitt, K. S. B. 1867. 363.
——— Winther, Bry. Danmark, sep. 23.

970. MEMBRANIPORA CRISTATA, Busk, 'Challenger,' xxx. Plate xv. fig. 1.
Amphiblestrum cristatum, Busk, 'Challenger,' xxx. 65.

971. MEMBRANIPORA CURVIROSTRIS, Hincks, A. M. N. H. 3. ix. 29. sep. 39.
——— Hincks, B. M. P. 153.
——— Ridley, Proc. Zool. Soc. 1881. 46.

972. MEMBRANIPORA CYMBÆFORMIS, Hincks, A. M. N. H. 4. xix. 99, 110, 149.
——— Hincks, A. M. N. H. 6. i. 217.
——— Lorenz, 'Jan Mayen,' sep. 3.
——— Levinsen, 'Kara-Havet,' 12. [H.]
Membranipora spinifera, Smitt, K. S. B. 1867. 366. Plate xx. fig. 32.

973. MEMBRANIPORA DEFENSA, Kirkpatrick, A. M. N. H. 6. i. 74.

974. MEMBRANIPORA DENTICULATA, Busk, Q. J. M. S. iv. 176.
——— Bk. in Carpenter's Cat. Mazat. Moll. 1.
——— Ostroumoff, Trud. obsch. est. xvi.

975. MEMBRANIPORA DENTICULATA, MacGillivray; Hks. A. M. N. H. 5. vii. 152. sep. 39.
Eschara denticulata, MacGill. Descr. Aus. Pol. 1868. 13.
Caleschara denticulata, MacGill. C. V. 21.
——— McCoy, P. Z. V. decade v. 45.

In the 'Annals' quoted above, Hincks remarks that, in his judgment, there is no sufficient ground for referring this species to a new genus.

975*a*. M. DENTICULATA, var. TENUIS, Busk.
Caleschara denticulata, var. *tenuis*, Busk, 'Challenger,' xxx. 77.
Vincularia tenuis, Busk, 'Challenger,' Plate xxi. fig. 9.

Varieties *foliacea* and *crustacea* are alluded to on page 77.

976. MEMBRANIPORA DISCRETA, Hincks, A. M. N. H. 3. ix. 200. sep. 40.
——— Hincks, B. M. P. 152.

977. MEMBRANIPORA DISTORTA, Hincks, A. M. N. H. 5. vi. sep. 16.
? *Electra distorta*, Busk, 'Challenger,' xxx. 78. alluded to.

978. MEMBRANIPORA DUMERILII, Audouin; Hks. B. M. P. [156.
——— Norman, B. A. Rep. 1866. 365.
——— McIntosh, Mar. Inv. St. Andrews, 45.
——— Waters, 'Challenger,' lxxix. 12.
——— Waters, Tert. Bry. N. Z. 45.
——— Koschinsky, Bry. tert. Bay. sep. 21.
——— Jullien, Bull. Soc. Zool. France, vi. sep. 7.
Flustra Dumerilii, Savigny, Zool. Egypt. Plate x. fig. 12.
Membranipora membranacea, (pars) Johnston, B. Z. ed. 2. 328. Plate lvi. fig. 7. [H.]
Membranipora Pouilletii, Alder, T. T. F. C. iii. 146. sep. 56.
——— Alder, Q. J. M. S. v. 248.
——— Hincks, A. M. N. H. 3. ix. sep. 38.
——— Busk, Crag Polyzoa, 32.
——— Seguenza, Form. terz. Reggio, 328.
Membranipora Flemingii, Busk, B. M. C. Plate civ. fig. 2.
Memb. lineata, form *unicornis*, *aa*, Smitt, K. S. B. 1867. 365.
? *Membranipora lineata*, Manzoni, Bri. Plioc. It. iv. Plate iii. fig. 14.

979. MEMBRANIPORA ECHINATA, D'ORBIGNY, Voy. Am. v. part 4. 16.
——— d'Orbigny, P. F. T. C. 541.
——— Jullien, Bull. Soc. Zool. France, 1881. sep. 3.
Membranipora spinosa, d'Orbigny, Voy. Am. v. part 4. 16. [Jn.]
——— d'Orbigny; Jullien, Bull. Soc. Zool. France, 1881. sep. 4.
——— Busk, 'Challenger,' xxx. 64.
——— d'Orbigny, P. F. T. C. 542.
Membranipora variegata, Hincks, A. M. N. H. 5. viii. sep. 72.
——— Hincks, A. M. N. H. 5. ix. sep. 81,
——— Hincks, A. M. N. H. 5. x.
——— Hincks, P. Q. C. I. 8.

980. MEMBRANIPORA ECHINUS, HINCKS, A. M. N. H. 5. x. 250.
——— Hincks, A. M. N. H. 5. x. Dec. 1882.
——— Hincks, P. Q. C. I. 8.

981. MEMBRANIPORA ERIOPHORA, LAMX.
Flustra eriophora, Lamouroux, P. C. F. 110.
——— Lamx. Ency. méth. xiv. 407.
——— Lamk. An. s. V. ed.? ii. 225.
Reptelectrina eriophora, d'Orbigny, P. F. T. C. 334.

982. MEMBRANIPORA EXILIS, HINCKS, A. M. N. H. 5. x. 249.
——— Hincks, A. M. N. H. 5. x. Dec. 1882.
——— Hincks, P. Q. C. I. 9, 39.

983. MEMBRANIPORA FALCIFERA, BUSK; Waters, 'Challenger,' lxxix. 11.
Foveolaria falcifera, Busk, 'Challenger,' xxx. 69.

984. MEMBRANIPORA FAVUS, HINCKS, A. M. N. H. 5. xiii. 357.
——— Hincks, Jour. Lin. Soc. xxi. 130.

985. MEMBRANIPORA FLEMINGII, BUSK, B. M. C. ii. 58. Plate lxi. fig. 2. and Plate lxxxiv. fig. 3, 4, 5.
——— Alder, T. T. F. C. iii. 145. sep. 55.
——— Hincks, A. M. N. H. 3. ix. 27.
——— Hincks, B. M. P. 162.
——— Waters, 'Aldinga,' 288.
——— Waters, Tert. Bry. N. Z. 48.
——— Manzoni, 'Castrocaro,' 11.
——— Seguenza, Form. terz. Reggio, 197, 368.
——— Lorenz, 'Jan Mayen,' sep. 4.
——— Kirchenpauer, Cat. E. Grönl. 419.
——— Heller, Bry. Adr. 1867. 97.
——— Pergens, Bry. env. Brest, 10.
——— form *trifolium*, (pars) Smitt, K. S. B. 1867. 367.
——— *var. β.* Fischer, Bry. Sud-ouest France, 17.

MEMBRANIPORA FLEMINGII, Busk (*continued*)—
Memb. pilosa, form *membranacea*, Müller; Smitt, K. S. B. 1867.
——— Möbius, Wirb. Thier. Ostsee, 114. [371.
Reptoflustra membranacea, d'Orbigny, P. F. T. C. 328.
Flustra membranacea, Müller, Zool. Dan. iii. 63. [H.]
——— Lamk. An. s. V. ed. 2. ii. 225.
——— (pars) Johnston, B. Z. ed. 2. 238. non plate lvi. fig. 7. [H.]
Flustra tuberculata, Johnston, B. Z. ed. 1. 289. [B.]
——— Couch, Corn. Faun. iii. 125.
Membranipora unicornis, Blainv. D. S. N. lx. 412.
——— Blainv. M. d'A. 447.
Amphiblestrum membranaceum, Gray, B. M. C. i. 110.
Amphiblestrum Flemingii, McCoy, P. Z. V. decade xi. 22.
——— MacGill. C. V. 20.

985*a*. M. FLEMINGII, VAR. Hincks, A. M. N. H. 5. vi. sep. 25.

986. MEMBRANIPORA FLUSTROIDES, Hincks, B. M. P. 151.
——— Hincks, A. M. N. H. 4. xx. 213.

987. ? MEMBRANIPORA FORNICINA, Lamk.
Discopora fornicina, Lamk. An. s. V. ii. 165.
——— Blainv. M. d'A. 448.
This species is not in Lamarck's collection.—Pergens.

988. MEMBRANIPORA GRANULIFERA, Hincks, A. M. N. H. 5. vi. sep. 4.

989. MEMBRANIPORA GRANULOSA, Quoy et Gaimard.
Flustra granulosa, Quoy et Gaim. m.s.
——— Lamx. Ency. méth. xiv. 407.

990. MEMBRANIPORA HASWELLII, nov. nom. Hks. A.M.N.H. 5. x.
——— Hincks, T. Q. C. I. 10, note.
Membranipora cervicornis, Haswell, Proc. Lin. Soc. of N.S.W. v. part 1.

991. MEMBRANIPORA HEXAGONA, Busk, Q. J. M. S. iv. 308.
——— Hincks, B. M. P. 143.
——— Fischer, Bry. Sud-ouest France, 17.
Flustra coriacea, Johnston non Esper, B. Z. ed. 2. 348.
——— Landsb. B. Z. 353.

992. MEMBRANIPORA HIANS, Hincks, A. M. N. H. 5. xv. 248.
Membranipora cyclops, Hutton non Busk, N. Z. Cat. 190.

992*a*. M. HIANS, var. OCCULTATA, Waters, Tert. Bry. N. Z. 48. Recent also.

993. MEMBRANIPORA HORRIDA, Hincks, A. M. N. H. 5. vi. sep. 14.

994. MEMBRANIPORA IMBELLIS, Hincks, B. M. P. 160.
——— Hincks, Q. J. M. S. viii. 275.
——— Hincks, A. M. N. H. 3. ix. sep. 38.
——— Norman, B. A. Rep. 1868. 305.

995. MEMBRANIPORA IMBRICATA, Busk, 'Challenger,' xxx. Plate xv. fig. 3.
Amphiblestrum imbricatum, Bk. 'Challenger,' xxx. 65.

996. MEMBRANIPORA INARMATA, Hincks, A. M. N. H. 5. viii.
——— Hincks, Lit. Phil. Soc. Liverpool, April 1881. [sep. 52.
——— McCoy, P. Z. V. decade xiii. 104. fig. 4 on plate.
——— MacGill. C. V. 20.

997. MEMBRANIPORA INCA, d'Orbigny.
Flustra inca, d'Orbigny, Voy. Am. v. part 4. 18.
Reptoflustra inca, d'Orbigny, P. F. T. C. 328.

998. MEMBRANIPORA INORNATA, Hincks, A. M. N. H. 5. viii.
——— Hincks, Lit. Phil. Soc. Liverpool, April 1881. [sep. 54.

999. MEMBRANIPORA IRREGULARIS, d'Orbigny, Voy. Am. v.
——— d'Orbigny, P. F. T. C. 542. [part 4. 17.
——— Busk, Q. J. M. S. n.s. i. 277.
——— Smitt, F. B. ii. 8.
——— Manzoni, 'Castrocaro,' 10.
——— Manzoni, 'Rhodes,' 62.
——— Pergens, 'Rhodes,' 16.
——— Seguenza, Form. terz. Reggio, 80, 128, 197, 328, 368.
Membranipora tricophora, Busk, Q. J. M. S. vi. 126.
? *Membranipora Lacroixii*, Busk, Q. J. M. S. viii. 282.

1000. MEMBRANIPORA LAMELLOSA, d'Orbigny.
Semieschara lamellosa, d'Orbigny, P. F. T. C. 366.

1001. MEMBRANIPORA LEVATA, Hincks, A. M. N. H. 5. x. 467.
——— Hincks, A. M. N. H. 5. x. 249.
——— Hincks, P. Q. C. I. 10.
——— Waters, A. M. N. H. 6. iv. 3.

1002. MEMBRANIPORA LINEATA, Linn.; Hincks, B. M. P. 143.
——— Hincks, A. M. N. H. 3. ix. 29.
——— Busk, B. M. C. ii. 58. Plate lxi. fig. 1.
——— Alder, T. T. F. C. iii. 143. sep. 53.
——— Kirchenpauer, Cat. E. Grönl. 419.
——— Smitt, F. B. ii. 7.
——— Freese, Bry. Ostsee, 36.

MEMBRANIPORA LINEATA (*continued*)—

——— Möbius, Wirb. Thier. Ostsee, 114.
——— Lenz. Wirb. Thier. Travemünder Bucht. i. 13.
——— Seguenza, Form. terz. Reggio, 80, 197, 294, 328, 368.
——— Hutton, N. Z. Cat. 190.
——— Gottardi, Bri. foss. Mont. Magg. 301.
——— Fischer, Bry. Sud-ouest France, 16.
——— Lorenz, 'Jan Mayen,' sep. 2.
——— Vigelius, 'Wm. Barents,' 12.
——— Gosse, Mar. Zool. ii. 16.
——— Manzoni, Bry. plioc. It. iv. 10. Plate ii. fig. 13. non
——— Waters, 'Curdies Creek,' 323. [Plate iii. fig. 14.
——— Waters, Tert. Bry. N. Z. 45.
——— Heller, Bry. Adr. 1867. 96.
——— Verrill, R. I. V. S. extr. 418.
——— Packard, Inv. Faun. Labr. i. 2. 272.
——— form *lineata*, Smitt, K. S. B. 1867. 364.
——— Winther, Bry. Danmark, sep. 23.

Flustra lineata, Linn. Syst. Nat. ed. 12. 1301.
——— Linn. Syst. Nat. ed. Gmel. 3830.
——— Linn. Turton, iv. 665.
——— Fabr. Faun. Grœnl. 437.
——— Bosc, Vers, iii. 119. [S.]
——— Esper, Supp. ii. Plate vi.
——— Lamx. P. C. F. 106.
——— Lamx. Ency. méth. xiv. 413.
——— Blainville, M. d'A. 450.
——— Thompson, A. M. N. H. v. 253.
——— Johnston, B. Z. ed. 1. 288.
——— Johnston, B. Z. ed. 2. 349.
——— Landsb. B. Z. 353.
——— Jameson, Wern. Mem. i. 563.

Flustra hirta, Risso, Eur. Mérid. v. 334.
Callopora lineata, Gray, B. M. C. i. 109.
Escharina lineata, Leidy, 'Rhode Island,' 2. iii. 141. [V.]
——— Perkins, Boston N. H. Soc. xii. 161. [V.]
Reptelectrina lineata, d'Orbigny, P. F. T. C. 334.
Eschara sedecimdentata, Moll, 'Eschara,' ed. 1803. 62. [S.]
Flustra sedecimdentata, M. Edw. in Lamk. An. s. V. ii. 226. [S.]
Cellepora sedecimdentata, Lamx. P. C. F. 93. [S.]
——— Lamx. Ency. méth. xiv. 183.
Membranipora sedecimdentata, d'Orb. P. F. T. C. 542. [S.]
Eschara lineata, Fabr. m.s. H. iii. 21.
? *Tata rugosa*, V. Ben. Bull. Brux. xvi. part 2. 648, 650.

This is not the *Membranipora lineata*, Manzoni, 'Castrocaro,' Plate i. fig. 6.

1002*a*. M. LINEATA, VAR. WATERS, A. M. N. H. 6. iv. 3.

1003. MEMBRANIPORA LONGICORNIS, HINCKS, B. M. P. Introduction, lxviii.

1004. MEMBRANIPORA MACILENTA, JULLIEN, 'Travailleur,' 25.

1005. MEMBRANIPORA MACROSTOMA, LAMOUROUX.
Flustra macrostoma, Lamx. in Quoy and Gaim. Plate xciii. fig. 6, 7.
——— Lamx. Ency. méth. xiv. 408.

1006. MEMBRANIPORA MAGNA, D'ORBIGNY.
Semieschara magna, d'Orbigny, P. F. T. C. 367.

1007. MEMBRANIPORA MALACCENSIS, D'ORBIGNY, P. F. T. C. [543.

1008. MEMBRANIPORA MAMILLARIS, D'ORBIGNY.
Semieschara mamillaris, d'Orbigny, P. F. T. C. 366.

1009. MEMBRANIPORA MAORICA, STOLICZKA; Waters, 'Curdies Creek,' 325.
Vincularia maorica, Stoliczka, 'Orakei bay,' 153.
——— T.-Woods, Corals and Bry. N. Z. 27.
——— Hutton, Proc. Roy. Soc. Tasmania, 1877. 25.

1010. MEMBRANIPORA MARGINALIS, KIRKPATRICK, A. M. N. H. 6. i. 74.

1011. MEMBRANIPORA MARGINELLA, HINCKS, A. M. N. H. 5. xiii. 358.
——— Hincks, Jour. Lin. Soc. xxi. 130.

1012. MEMBRANIPORA MARSUPIATA, QUOY et GAIMARD.
Flustra marsupiata, Quoy et Gaim. Voy. Uranie, Plate xcv. fig. 1, 2.
——— Lamx. Ency. méth. xiv. 414.
Eschara marsupiata, M. Edw. in Lamk. An. s. V. ed. 2. ii. 236.
Cellepora marsupiata, d'Orbigny, P. F. T. C. 402.

1013. MEMBRANIPORA MAURITIANA, KIRKPATRICK, A. M. N. H. 6. i. 74.

1014. MEMBRANIPORA MEMBRANACEA, Linn.; Hks. B. M. P. [140.
——— Hincks, A. M. N. H. 3. ix. 27.
——— Hincks, A. M. N. H. 5. x.
——— Hincks, P. Q. C. I. 11.
——— Gosse, Mar. Zool. ii. 16.
——— Alder, T. T. F. C. iii. 142. sep. 42.
——— Busk, B. M. C. ii. 56.
——— Landsb, B. Z. 332.

MEMBRANIPORA MEMBRANACEA (*continued*)—
——— Sars, N. Mag. Nat. vii. 379, 386.
——— Winther, Bry. Danmark, sep. 28.
——— V. Ben. Bull. Brux. xvi. part 2. 650.
——— Blainv. M. d'A. 447.
——— Pergens, Bull. Soc. R. M. Belg. xxii. sep. 5.
——— Hutton, N. Z. Cat. 190.
——— MacGill. C. V. 20.
——— McCoy, P. Z. V. decade iii. 29.
——— Heller, Bry. Adr. 1867. 96.
——— Waters, A. M. N. H. 5. iii. 121.
——— d'Orbigny, P. F. T. C. 542.
Flustra membranacea, Linn. Syst. Nat. ed. 12, 1301.
——— Linn. Syst. Nat. ed. Gmel. 3830.
——— Linn. Turton, iv. 665.
——— Fabr. Faun. Grönl. 437.
——— Solander, Zooph. 18.
——— Lamx. Pol. Corall. 47.
——— Lamx. P. C. F. 107.
——— Lamx. Ency. méth. xiv. 412.
——— Fleming, B. A. 536.
——— Müller, Zool. Dan. Prod. 253. [H.]
——— Maitland, Faun. Belg. 63.
——— Blainv. M. d'A. 450.
——— Nitsche, Beitr. Kennt. Bry. 1871.
——— Johnston, Trans. N. H. Soc. Newc. ii. 265.
——— Johnston, B. Z. ed. 1. 287.
——— Johnston, B. Z. ed. 2. 348. Plate lxvi. fig. 1, 2, 3.
——— Gray, B. M. C. i. 104.
——— Landsb. B. Z. 351.
——— Stewart, Elem. ii. 437.
——— Couch, Corn. Faun. iii. 123.
——— Couch, Zooph. Cornw. 55.
——— Sars, N. Mag. Nat. vii. 379.
——— Danielssen, N. Mag. Nat. xi. 47.
——— Packard, Inv. Faun. Labr. i. 2. 274.
——— MacGill. A. M. N. H. ix. 468.
? ——— Winther, Bry. Danmark, sep. 28.
Flustra telacea, Lamk. An. s. V. ed. 1. ii. 158.
——— Lamk. An. s. V. ed. 2. ii. 223.
——— Westendorp, Pol. Flex. Belg. 13.
Membranipora telacea, Busk, B. M. C. Plate lviii. fig. 6.
——— Blainv. M. d'A. 447.
? *Reptoflustra telacea*, d'Orbigny, P. F. T. C. 328.
? *M. pilosa*, form *membranacea*, Freese, Bry. Ostsee, 39.
? ——— Lenz. Wirb. Thier. i. 13.

MEMBRANIPORA MEMBRANACEA (*continued*)—
Chagrin Sea Mat, Couch, Zooph. Cornw. 55.
——— Couch, Corn. Faun. iii. 123.
Flustra bituberculata, Desm. and Lesu. Plate i. fig. 6. [P.]
Vliezig-Korstgewas, Houttuyn, xvii. bl. 482. No. 5.
——— Benn. en Oliv. xv. 2. bl. 173. No. 3.

1014*a*. M. MEMBRANACEA, var. SERRATA, Hincks, A. M. N. H.
——— Hincks, P. Q. C. I. 11. [5. x.

1015. MEMBRANIPORA MINAX, Busk, Q. J. M. S. viii. 125.
The figure in the plate is named '*rhyncota*,' not '*rhyncota*' of the Crag.
——— Hks. B. M. P. 169.
——— Kirchenpauer, Cat. E. Grönl. 419.
Membranipora Flemingii, Busk, B. M. C. Plate lxi. fig. 2.
Memb. Flemingii, var. *minax*, Waters, A. M. N. H. 5. xx. 183.
Memb. Flemingii, var. γ. Fischer, Bry. Sud-ouest France, 17.

1016. MEMBRANIPORA MINUSCULA, Hincks, A. M. N. H. 5. x.
——— Hincks, P. Q. C. I. 11.

1017. MEMBRANIPORA MONOSTACHYS, Busk, B. M. C. ii. 61.
——— Busk, Crag Pol. 31. Plate ii. fig. 2.
——— Hincks, B. M. P. 131.
——— Hincks, A. M. N. H. 3. ix. 28. sep. 38.
——— Jullien, Bull. Soc. Zool. France, 1881. sep. 6.
——— Waters, Tert. Bry. N. Z. 45.
——— Manzoni, 'Rhodes,' 61.
Memb. pilosa, form *monostachys*, Smitt, K. S. B. 1867. 370.
——— Freese, Bry. Ostsee, 39.
Membranipora nuda, Wood ; Smitt, K. S. B. 1867. 370.
? *Flustrellaria pustulosa*, d'Orbigny, P. F. T. C. 526.
? *Biflustra disjuncta*, Gabb and Horn, Jour. Acad. Nat. Sci. 2. v. 153.

1017*a*. M. MONOSTACHYS, var. FOSSARIA, Hks. B. M. P. 132.

1017*b*. M. MONOSTACHYS, var. PORTUGALENSIS, Jullien, Bull. Soc. Zool. France, 1881. sep. 6.

Pergens places this species as the '*elliptica*' of Hagenow, but there seem to be such important differences in the two species that I do not see my way to following his arrangement, which may be studied in his papers on the Bryozoa of Rhodes and Faxe.

1018. MEMBRANIPORA MULTIDENTATA, Lamouroux.
Flustra multidentata, Lamx. P. C. F. 110.
——— Lamx. Ency. méth. xiv. 407.

1019. MEMBRANIPORA NIGRANS, Hincks, A. M. N. H. 5. x. 248.
——— Hincks, A. M. N. H. 5. x.
——— Hincks, P. Q. C. I. 9.

1020. MEMBRANIPORA NITENS, Hincks, A. M. N. H. 5. vi. sep. 17.
Membranipora porcellana, MacGill. Descr. new Pol. viii. 5.
——— MacGill. Tr. Roy. Soc. Vic. xxi. 110. [W.]
Bathypora porcellana, McCoy, P. Z. V. decade xi. 26.
Bathypora nitens, MacGill. C. V. 19.

1021. MEMBRANIPORA NODULIFERA, Hincks, A. M. N. H. 5. vi. sep. 3.

1022. MEMBRANIPORA NODULOSA, Hincks, B. M. P. 170.
——— Hincks, A. M. N. H. 4. xx. 213.

1023. MEMBRANIPORA OPERCULATA, Hincks, A. M. N. H. 5. xvii. 265.

1024. MEMBRANIPORA ORNATA, Busk; Hks. A. M. N. H. 5. ix. 85.
Vincularia ornata, Busk, Q. J. M. S. n.s. i. 155.
——— Busk, B. M. C. ii. 96.

1025. MEMBRANIPORA PALLIDA, Hincks, A. M. N. H. 5. xiii. 210.
——— Hincks, P. Q. C. I. 39.
Memb. acifera, MacG. form *multispinata*, Hks. A. M. N. H. 5. x.
——— Hks. P. Q. C. I. 8, 38.
——— Hks. A. M. N. H. 5. xiii. 209.

1026. MEMBRANIPORA PAPILLATA, Busk, 'Challenger,' xxx. Plate xxxiii. fig. 1.
Amphiblestrum papillatum, Busk, 'Challenger,' xxx. 66.

1027. MEMBRANIPORA PATELLARIA, Moll; MacGill. Descr. new Pol. 1881. 5.
Eschara patellaria, Moll, 'Eschara,' 68.
——— Moll, die Seerinde, 75.
Flustra patellaria, Lamx. P. C. F. 115.
——— Lamx. Ency. méth. xiv. 415.
Mollia patellaria, d'Orbigny, P. F. T. C. 388.
——— Smitt, F. B. ii. 12.
Diachoris patellaria, Waters, A. M. N. H. 5. iii. 120.
——— Seguenza, Form. terz. Reggio, 327.
Diachoris simplex, Heller, Bry. Adr. 1867. 94.
Amphiblestrum patellarium, MacGill. C. V. 20.
——— McCoy, P. Z. V. decade xii. 70.

1027*a*. M. PATELLARIA, form MULTIJUNCTA, WATERS.
——— Hincks, A. M. N. H. 5. xix. 314.
Diachoris patellaria, form *multijuncta*, Waters, A. M. N. H. 5. iii. 120.

1028. MEMBRANIPORA PATULA, HINCKS, A. M. N. H. 5. vii. sep. 37.
——— Hincks, A. M. N. H. 5. x.
——— Hincks, P. Q. C. I. 7.

1029. MEMBRANIPORA PECTINATA, MACGILLIVRAY; McCoy, P. Z. V. decade xiii. 104.
Membranipora pecten, MacGill. C. V. 20.

1030. MEMBRANIPORA PEREGRINA, D'ORBIGNY.
Flustra peregrina, d'Orbigny, Voy. Am. v. part 4. 18.
Reptoflustra peregrina, d'Orbigny, P. F. T. C. 329.

1031. MEMBRANIPORA PERFRAGILIS, MACGILLIVRAY; Hks. A. M. N. H. 5. xiv. 278.
Biflustra fragilis, MacGill. Descr. Aus. Pol. Nov. 1868. 13.
——— McCoy, P. Z. V. decade vi. 27.
——— MacGill. C. V. 21.

1032. MEMBRANIPORA PERMUNITA, HINCKS, A. M. N. H. 5. vii. sep. 38.
——— MacGill. Tr. Roy. Soc. Vic. xviii. 118.
——— MacGill. Descr. new Pol. Dec. 1881. 4.
Amphiblestrum permunitum, McCoy, P. Z. V. decade xi. 22.
——— MacGill. C. V. 20.
Membranipora falcata, MacGill. Descr. Aus. Pol. Nov. 1868. 7.
——— MacGill. Tr. Roy. Soc. Vic. ix. 132.
Membranipora Michaudiana, d'Orb.; Waters, 'Aldinga,' 289. [W.]
Cellepora Michaudiana, d'Orbigny, P. F. T. C. 404.
Escharina Michaudiana, d'Orbigny, Prodr. pal. strat. ii. 175.
Escharina ornata, d'Orbigny, P. F. T. C. Plate dciv. fig. 7, 8.

Waters places this species under '*Michaudiana*' of d'Orbigny, but the avicularia are so different that I venture to retain Hincks' name, and place that of d'Orbigny as a synonym.

1033. MEMBRANIPORA PILOSA, LINN.; Hincks, B. M. P. 137.
——— Hincks, A. M. N. H. 3. ix. 27.
——— Farre, Phil. Trans. 1837. 412.
——— Couch, Zooph. Cornw. 52.
——— Couch. Corn. Faun. iii. 119.
——— Busk, B. M. C. ii. 56.
——— Waters, A. M. N H. 5. iii. 121.

MEMBRANIPORA PILOSA, Linn. (*continued*)—
——— Heller, Bry. Adr. 1867. 97.
——— Hutton, N. Z. Cat. 190.
——— Gray, Dieff. N. Z. ii. 292.
——— McCoy, P. Z. V. decade iii. 31.
——— Vigelius, Bry. 'Oosterschelde,' Supp. i. 547.
——— V. Ben. Mém. Brux. xviii. 29.
——— V. Ben. Recherches, 53.
——— Johnston, B. Z. ed. 1. 280.
——— *var.* β. Johnston, B. Z. ed. 2. 327.
——— Freese, Bry. Ostsee, 38.
——— Freese, Arch. naturgesch. xlv. 1–72.
——— Freese, Inaugural dissertation, 1888.
——— Pergens, Bry. env. Brest, 9.
——— Lansweert, Zooph. litt. Belge, iii. 118.
——— Pergens, Bull. Soc. R. M. Belg. xxii. sep. 5.
——— Verrill, R. I. V. S. extr. 418.
——— Leidy, Mar. Inv. Rhode Island, 141.
——— Packard, Inv. Faun. Labr. i. 2. 272.
——— Alder, T. T. F. C. iii. 143. sep. 53.
——— Gosse, Mar. Zool. ii. 16.
——— Landsb. B. Z. 328.
——— Hassall, A. M. N. H. vi. 171.
——— Dalyell, R. R. An. Scot. ii. 83.
——— Smitt, Ofr. Vet. Ak. Förh. 1865. 15.
——— Sars, N. Mag. Nat. vii. 379.
Flustra pilosa, Linn. Syst. Nat. ed. 12. 1301.
——— Linn. Syst. Nat. ed. Gmel. 3827.
——— Linn. Faun. Suec. ed. 2. 539. and (ed. 1.) ii. 2233.
——— Linn. Turton, iv. 663.
——— Linn. Syst. Nat. stat. Müll. vi. 810.
——— Lamk. An. s. v. ed. 1. ii. 159.
——— Lamk. An. s. v. ed. 2. ii. 224.
——— Lamx. P. C. F. 105.
——— Lamx. Ency. méth. xiv. 411.
——— Blainv. M. d'A. 450.
——— Blainv. D. S. N. lx. 415.
——— Maitland, Faun. Belg. 61.
——— Müller, Zool. Dan. Prodr. 253.
——— Esper, Pflanzen. Plate iv. fig. 1, 2.
——— Risso, Eur. Mérid. v. 335.
——— Westendorp, Pol. Flex. Belg. extr. 14.
——— Solander, Zooph. 13.
——— Berk, Syn. i. 214.
——— Fleming, B. A. 537.
——— Lister, Phil. Trans. 1834. 384.

MEMBRANIPORA PILOSA, Linn. (*continued*)—
Flustra pilosa, Johnston, Trans. N. H. Soc. Newc. ii. 265.
——— Templeton, Mag. Nat. Hist. ix. 469.
——— Stewart, Elem. ii. 436.
——— Bosc, Vers, iii. 117.
——— Cuvier, An. illustr. Plate lxxv.
——— Grant, Edinb. N. Phil. Tr. iii. 111.
Eschara pilosa, Pallas, Elenchus, 50.
——— Moll, die Seerinde, 41.
——— Moll, 'Eschara,' ed. 1803. 37.
——— Seba, Thesaurus, iii. Plate c. fig. 10.
Annulipora pilosa, Gray, B. M. C. i. 107.
Eschara millepora, Ellis, Phil. Trans. abridg. x. 492. Plate xii.
——— Ellis, N. H. C. Eng. ed. 73. [fig. 4 d.
——— Ellis, N. H. C. Fr. ed. 88.
Millepora membranacea, Lin. Amæn. ac. i. 105, fig. 19. [Pal.]
Millepora crustacea, Loefl. Vet. Ak. Handl. 1752. 118. [Pal.]
Corallina, Reaumur, Mém. Acad. Paris, 1712. 42. [Mo.]
——— Reaumur, German ed. Part iv. Plate vii. fig. 10. [Mo.]
Electra pilosa, Busk, 'Challenger,' xxx. 78. alluded to.
——— Fischer, Bry. Sud-ouest France, 15.
——— MacGill. C. V. 19.
Reptelectrina pilosa, d'Orbigny, P. F. T. C. 334.
Flustra tomentosa, Müller, Zool. Dan. iii. 214.
——— Lamx. P. C. F. 106.
——— Lamx. Ency. méth. xiv. 411.
——— Bosc, Vers, iii. 118.
——— Linn. Syst. Nat. ed. Gmel. 3829.
Onregelmatige Korallijn, Ellis, bl. 81. No. 4. Plate xxxi.
Zee-moss, Pallas, Plantd. bl. 61. No. 15.
Memb. pilosa, form *pilosa*, Smitt, K. S. B. 1867. 368.
——— Winther, Bry. Danmark, sep. 25.
Membranipora pilosa, var. γ. Fischer, Bry. Sud-ouest France.
Harig korstgewas, Houttuyn, xvii. bl. 478. Plate cxxxvi. fig. 2.
——— Ben. en Oliv. xv. 2. bl. 173. no. 2.
Memb. pilosa, var. *a*. Maitland, Faun. Belg. 61.
Flustra quinque spinosa, Desm. and Lesu. Plate i. fig. 3. [P.]
Hairy Sea-mat, Couch, Corn. Faun. iii. 119.
Irregular spongy foliaceous Cor. Ellis, N. H. C. 73.

1033*a*. M. PILOSA, var. DENTATA, Hincks, B. M. P. 137.
Flustra dentata, Solander, Zooph. 15.
——— Linn. Syst. Nat. ed. Gmel. 3829.
——— Linn. Turton, iv. 664.
——— Lamk. An. s. V. ed. 1. ii. 158.
——— Lamk. An. s. V. ed. 2. ii. 224.

M. PILOSA, var. DENTATA (*continued*)—
Flustra dentata, Müller, Zool. Dan. iii. 24.
——— Westendorp, Pol. Flex. Belg. Extr. 13.
——— Stewart, Elem. ii. 436.
——— Templeton, Mag. Nat. Hist. ix. 469.
——— Turton, Brit. Faun. 209.
——— Pergens, Bry. env. Brest, 9.
——— Lamx. P. C. F. 109.
——— Lamx. Ency. méth. xiv. 406.
——— Bosc, Vers, iii. 117.
——— Ellis, Phil. Trans. xlviii. 630.
——— Blainv. M. d'A. 450.
Annulipora dentata, Gray, B. M. C. i. 107.
Reptelectrina dentata, d'Orbigny, P. F. T. C. 334.
Memb. pilosa, var. *δ*, Fischer, Bry. Sud-ouest France.
Membranipora stellata, Thompson, A. M. N. H. v. 101.
——— Hassall, A. M. N. H. vii. 369.
Memb. pilosa, var. *stellata*, Hincks, B. M. P. 139.

1033*b*. M. PILOSA, form VERTICILLATA, SOLANDER; Smitt, K. S. B. 1867. 369.
Flustra verticillata, Solander, Zooph. 15.
——— Linn. Syst. Nat. ed. Gmel. 3828.
——— Lamk. An. s. V. ed. 1. ii. 159.
——— Blainv. M. d'A. 450.
Sertularia verticillata, Esper, Zooph. Plate xxvi. fig. 1, 2.
Electra verticillata, Lamx. P. C. F. 121.
——— Lamx. Expos. méth. 4.
——— Blainv. M. d'A. 449.
——— Westendorp, Pol. Flex. Belg. Extr. 14.
——— d'Orbigny, P. F. T. C. 57.
——— Busk, 'Challenger,' xxx. 78. alluded to.
——— Risso, Eur. Mérid. v. 316.
Membranipora verticillata, Lansweert, Zooph. litt. Belge, iii. 118.
Electra pilosa, var. *a*. Fischer, Bry. Sud-ouest France, 15.

1033*c*. M. PILOSA, form FLAGELLUM, MACGILLIVRAY.
Electra flagellum, MacGill. C. V. 19.
——— Busk, 'Challenger,' xxx. 78. alluded to.
——— McCoy, P. Z. V. decade xi. 25.
Membranipora flagellum, MacGill. Descr. new Pol. Dec. 1881. 2.
——— MacGill. Tr. Roy. Soc. Vic. 1881.

1033*d*. M. PILOSA, form LAXA, SMITT, K. S. B. 1867. 370.
——— Hincks, B. M. P. 137.
——— Winther, Bry. Danmark, sep. 27.
Membranipora pilosa, Sars et Boeck, m.s.

1033*e*. M. PILOSA, var. γ. HINCKS, B. M. P. 138.

1033*f*. M. PILOSA, var. MULTISPINATA, HINCKS, A. M. N. H. 5. ix. sep. 80.

1033*g*. M. PILOSA, form FOLIACEA, HINCKS, A. M. N. H. 5. x. sep. 100.

1033*h*. M. PILOSA, var. SPINOSA, JOLIET, Bry. France, 98.

1033*i*. M. PILOSA, var. β. FISCHER, Bry. Sud-ouest France.
Electrina lamellosa, d'Orbigny, P. F. T. C. 188. (1.) [F.]
Electrina cylindrica, d'Orbigny, P. F. T. C. 188. (1.) [F.]

Cyphonautes compressus is the larval form of *Membranipora pilosa*. See Schneider, Archiv. micr. anat. v. fasc. 2. 1869; Barrois, 'Recherches,' in Jour. anat. physiol. 1882; Ehrenberg, Beitrag zur erkennt. gr. organ. etc. 1833–1838; Claparède, Beob. über anat. etc. entw. wirbel. thiere; Allman, Quart. Jour. Micr. Soc. xii. 395.

1034. MEMBRANIPORA PLANA, HINCKS, A. M. N. H. 5. vi. sep. 13.

1035. MEMBRANIPORA PLANATA, MOLL.
——— Moll; d'Orbigny, P. F. T. C. 542.
Eschara planata, Moll, 'Eschara,' 67.
Flustra planata, Lamx. P. C. F. 115.
——— Lamx. Ency. méth. xiv. 415.
Mollia planula, d'Orbigny, P. F. T. C. 388.

1036. MEMBRANIPORA POLITA, HINCKS, A. M. N. H. 5. vi. sep. 26.
——— MacGill. Descr. new Pol. Dec. 1881. 4.
Pyripora polita, McCoy, P. Z. V. decade xi. 24.
——— MacGill. C. V. 19.
? *Cellepora alata*, Lamx. Ency. méth. xiv. 183.
——— Lamx. Expos. méth. 2.

1037. MEMBRANIPORA PRINCEPS, nov. nom. HINCKS, B. M. P. Introduction, lxxiii.
Memb. Flemingii, form *minax*, Smitt, K. S. B. 1867. 368. Plate xx. fig. 44.

1038. MEMBRANIPORA PROTECTA, HINCKS, A. M. N. H. 5. x. 256.
——— Hincks, P. Q. C. I. 10.

1039. MEMBRANIPORA PUNCTIGERA, HINCKS, A. M. N. H. 5. viii. sep. 52.
——— Hincks, Lit. Phil. Soc. Liverpool. April 1881.
Amphiblestrum punctigerum, McCoy, P. Z. V. decade xi. 21.
——— MacGill. C. V. 20.

1040. MEMBRANIPORA PURA, HINCKS, A. M. N. H. 5. vi. sep. 15.

1041. MEMBRANIPORA PYRULA, Hincks, A. M. N. H. 5. viii. sep. 51.
——— Hincks, Lit. Phil. Soc. Liverpool. April 1881.
——— McCoy, P. Z. V. decade xiii. 103.
——— MacGill. C. V. 20.
——— Waters, A. M. N. H. 6. iv. 3.
Membranipora lineata, MacGill.; McCoy, P. Z. V. decade iii. 34.

1042. MEMBRANIPORA QUADRATA, Desmarest et Lesueur.
Flustra quadrata, Desm. et Lesu. Bull. Philom. 1814. Plate ii. fig. 10.
——— Lamx. P. C. F. 109.
——— Lamx. Ency. méth. xiv. 408.
——— Lamk. An. s. V. ed. 1. ii. 160.

1043. MEMBRANIPORA RADICIFERA, Hincks, A. M. N. H. 5. viii. sep. 53.
——— Hincks, Lit. Phil. Soc. Liverpool. April 1881.
——— Waters, 'Gambier,' 262.
——— Waters, 'Bairnsdale,' 573.
——— Waters, 'Aldinga,' 287.
Beania radicifera, McCoy, P. Z. V. decade xii. 69.
——— MacGill. C. V. 17.

1044. MEMBRANIPORA RAMOSA, d'Orbigny.
Biflustra ramosa, d'Orbigny, P. F. T. C. 244.

1045. MEMBRANIPORA REPIACHOWI, Ostroumoff, Trud. obs. est. xvi. 20. Plate i. fig. 1–4, 6.

1046. MEMBRANIPORA RETICULARIS, Blainv. M. d'A. 447.
——— d'Orbigny, P. F. T. C. 542.
Discopora reticularis, Lamk. An. s. V. ed. 1. ii. 166.
——— Lamx. Ency. méth. xiv. 254.

1047. MEMBRANIPORA RETICULUM, Linn.; Pergens, 'Rhodes,' [14.
Millepora reticulum, Linn. Syst. Nat. ed. 12. 1284.
——— Linn. Syst. Nat. ed. Gmel. 3788.
——— Esper, Pflanzen. 205. Plate xi.
Discopora reticulum, Lamk. An. s. V. ed. 1. ii. 167.
——— Lamk. An. s. V. ed. 2. ii. 250.
——— Lamx. Ency. méth. xiv. 255.
Membranipora reticulum, Blainv. M. d'A. 447.
——— Pergens, 'Faxe,' 54.
——— d'Orbigny, P. F. T. C. 542.
——— Pergens, Bry. mioc. Russ. Mérid. 3.
——— Pergens, Bry. Nord-ouest Méd. 8.
——— Manzoni, 'Rhodes,' 62.
——— Michelin, Iconog. 74.

MEMBRANIPORA RETICULUM, LINN. (*continued*)—

Membranipora reticulum, Mich. non Blainv.; Manzoni, Bry. plioc. It. iv. 8.

——— Mich.; Gottardi, Foss. Bry. Mont. Magg. 301.

Conopeum reticulum, Gray, B. M. C. i. 108.

Membranipora Lacroixii, Hincks, B. M. P. 129.

——— Hincks, A. M. N. H. 3. ix. 28. sep. 38.

——— Busk, B. M. C. ii. 60.

——— Ridley, Proc. Zool. Soc. Jan. 1881. 46.

——— Fischer, Bry. Sud-ouest France, 17.

——— Koschinsky, Bry. tert. Bay. sep. 20.

——— Waters, 'Bruccoli,' sep. 3.

——— Reuss, Bry. mioc. d' Aust. 18c. (40.)

——— Manzoni, Bry. plioc. It. ii. 3.

——— Seguenza, Form. terz. Reggio, 53, 79, 197.

Flustra Lacroixii, Savigny, Zool. Egypt. Plate x. fig. 9.

——— Audouin, Expl. 240.

Flustra distans, Hassall, A. M. N. H. vii. 369.

——— Johnston, B. Z. ed. 1. 350.

——— Landsb. B. Z. 354.

Flustra Peachii, Couch, Zooph. Cornw. 55.

——— Couch, Cornw. Polytech. Soc. 9th Report. 81.

Membranipora Peachii, Couch, Corn. Faun. iii. 120.

Biflustra Lacroixii, Smitt, F. B. ii. 18.

——— MacGill. C. V. 21.

Memb. reticulum, var. *Lacroixii*, Pergens, Bry. env. Brest, 10.

? *Flustra puelcha*, d'Orbigny, Voy. Am. V. part 4. 18. [S.]

? *Biflustra puelcha*, d'Orbigny, P. F. T. C. 244.

? *Reptoflustra puelcha*, d'Orbigny, P. F. T. C. 328.

? *Membranipora membranacea*, Johnston, B. Z. ed. 2. 328. Plate lvi. fig. 11, 12. [H.]

Eschara lapidosa, Pallas, Reise in den südl. Statt. Russ. Reiches, 241. [P.]

——— Hust in Demidoff, Voy. Russe méridionale, ii. [P.]

Pleuropora lapidosa, Eichwald, Lethæa rossica, iii. 38. Plate ii. fig. 17 *a*, *b*. [P.]

Membranipora lapidosa, Andrussow, Verh. K. K. geol. Reichs. Wien, No. 11. 190. [P.]

——— Andrussow, K. geol. Kertsch. poluos. i. 197. [P.]

——— Andrussow, K. geol. Kertsch. poluos. ii. 99. [P.]

? *Membranipora sp.*, Ostroumoff, Opjit izsljadow. mischan. sewastop. Plate ii. fig. 57. [P.]

Membranipora reticulum, Rss. Wien. tert. 98. Plate xi. fig. 25. [H.]

Membranipora diadema, Reuss, Wien. tert. Plate xi. fig 27. [P.]

Membranipora subtilimargo, Reuss, 'Oberoligocän,' ii. 17. Plate ix. fig. 5. [P.]

——— Rss. Elbthalgebirge, i. 100. Plate xxiv. fig. 3. [P.]

MEMBRANIPORA RETICULUM, Linn. (*continued*)—

Membranipora laxa, Reuss, Alt. tert. Alp. ii. 40. Plate xxxvi. fig. 14. [P.]

Membranipora dilatata, Reuss, Elbthalgebirge, i. 100. Plate xxiv. fig. 2. [P.]

Membranipora subtilimargo, Reuss, Bry. mioc. d'Aust. i. 39. Plate ix. fig. 3. [P.]

——— Pergens and Meunier, 'Montien,' 8.

Membranipora Lacroixii, Reuss, Bry. mioc. d'Aust. Plate ix. fig. 6-8. [P.]

Memb. Lacroixii, var. *diadema*, Reuss, Bry. mioc. d'Aust. i. 41. Plate ix. fig. 9. [P.]

Membranipora diadema, Seguenza, Form. terz. Reg. 79, 197. [P.]

Memb. reticulum, var. *diadema*, Reuss; Pergens, 'Tasmajdan,' 19.

Membranipora diadema, d'Orbigny, P. F. T. C. 541.

For detailed information about this species, see Pergens in the works quoted.

1048. MEMBRANIPORA ROBORATA, Hincks, A. M. N. H. 5. viii. sep. 69.

——— Hincks, Lit. Phil. Soc. Liverpool. April 1881.

——— Waters, A. M. N. H. 5. xx. 182.

——— Waters, 'Muddy Creek,' 433.

Flustra membraniporides, Busk, 'Challenger,' xxx. 54.

Craspedozoum roboratum, MacGill. C. V. 18.

Craspedozoum ligulatum, MacGill. Descr. new Pol. ix. 5.

——— MacGill. C. V. 18.

Craspedozoum spicatum, MacGill. Descr. new Pol. ix. 5.

——— MacGill. C. V. 18.

Carbasea pisciformis, Hutton, N. Z. Cat. 187.

1049. MEMBRANIPORA ROSSELII, Audouin; Hks. B. M. P. 166.

——— Hincks, A. M. N. H. 3. ix. sep. 38.

——— Busk, B. M. C. ii. 59.

——— Busk, Q. J. M. S. viii. 145.

——— Waters, A. M. N. H. 5. iii. 121.

——— Heller, Bry. Adr. 1867. 96.

——— Seguenza, Form. terz. Reggio, 198, 328, 368.

Flustra Rosselii, Savigny, Zool. Egypt. Plate x. fig. 11.

——— Audouin, Expl. 240. (69.)

Cellepora Rosselii, Blainv. M. d'A. 444.

——— d'Orbigny, P. F. T. C. 402.

? *Membranipora Rosselii*, Manzoni, 'Castrocaro,' 14.

? ——— Manzoni, Bry. plioc. It. iv. 11.

1050. MEMBRANIPORA ROSTRATA, Heller, Bry. Adr. 1867. 97.

1051. MEMBRANIPORA RUBIDA, Hincks, A. M. N. H. 5. vii. sep. 34.

1052. MEMBRANIPORA SAVARTII, Audouin; Waters, A.M.N.H. 5. xx. 181.
——— Waters, 'Aldinga,' 286.
——— Busk, Crag Pol. 31.
——— Seguenza, Form. terz. Reggio, 368.
Biflustra Savartii, Smitt, F. B. ii. 20.
——— Busk, 'Challenger,' xxx. 67.
——— Manzoni, 'Castrocaro,' 38.
——— Seguenza, Form. terz. Reggio, 208, 296, 371.
Flustra Savartii, Savigny, Zool. Egypt. Plate x. fig. 10.
Membranipora corrugata, Blainv. D. S. N. lx. 112.
——— Blainv. M. d'A. 447.
Biflustra delicatula, Busk, Crag Pol. 72. [W.]
——— Busk, 'Challenger,' Plate xviii. fig. 2.
——— Manzoni, Bry. plioc. It. ii. 4.
——— McCoy, P. Z. V. decade vi. 28.
——— MacGill. C. V. 21.
Membranipora delicatula, Hincks, A. M. N. H. 5. vi. 18.
? *Biflustra denticulata*, Smitt, F. B. ii. 18.
Memb. Lacroixii, var. *β*. Fischer.
Flustrellaria Savarti, Manzoni, 'Rhodes,' 67.
Flustrellaria tubulosa, d'Orbigny, P. F. T. C. 532.
Flustrellaria texturata, Rss.; Manzoni, Bry. mioc. d'Aust. ii. 19.
——— d'Orbigny, P. F. T. C. 515.
——— Gottardi, Bry. foss. Mont. Magg. 303.
Vaginopora texturata, Reuss, Wien. tert. 73. [W.]
Membranipora ligeriensis, d'Orbigny, P. F. T. C. 550.
——— d'Orbigny, Prodr. pal. strat. ii. 262.

1052*a*. M. SAVARTII, var. QUADRILATERA, d'Orb.; Waters, A. M. N. H. 5. xx. 182.
Vincularia quadrilatera, d'Orbigny, P. F. T. C. 189.

1053. MEMBRANIPORA SCELETOS, Busk; Hincks, A. M. N. H. 5. vi. sep. 5.
Lepralia sceletos, Busk, Q. J. M. S. vi. 262.
——— Busk, Q. J. M. S. viii. 284.

1054. ? MEMBRANIPORA SCOBINATA, Lamarck.
Discopora scobinata, Lamk. An. s. V. ed. 1. ii. 167.
——— Blainv. M. d'A. 446.

1055. MEMBRANIPORA SERRATA, MacGillivray, Descr. Aus. Pol. Nov. 1868. 6.
——— MacGill. Descr. new Pol. Dec. 1881. 3.
——— MacGill. Descr. new Pol. Oct. 1882. 1.
——— MacGill. C. V. 20.
——— McCoy, P. Z. V. decade xiii. 105.

MEMBRANIPORA SERRATA, MacGillivray (*continued*)—
Membranipora acifera, MacGill. Descr. new Pol. Dec. 1881. 2.
Memb. serrata, var. *acifera*, MacGill. C. V. 20.

1056. MEMBRANIPORA SETIGERA, Hincks, A. M. N. H. 5. vii. sep. 37.

1057. MEMBRANIPORA SIGILLATA, Pourtales; Smitt, F. B. ii. 8.
Cellepora sigillata, Pourtales, Bull. M. Harvard Coll. Camb. No. 6. 110.

1058. MEMBRANIPORA SIMPLEX, Busk.
Nellia simplex, Busk, B. M. C. i. 19.
——— Busk, 'Challenger,' xxx. 27.
——— Kirkpatrick, A. M. N. H. 6. i. 73.
——— MacGill. C. V. 15.
Salicornaria marginata, Busk, Voy. Ratt. i. 367.
Farcimia cereus, Pourtales, Bull. M. Harv. Coll. Camb. No. 6. 110.
——— Smitt, F. B. ii. 3.

1059. MEMBRANIPORA SINENSIS, d'Orbigny, P. F. T. C. 542.

1060. MEMBRANIPORA SOLIDULA, Alder and Hincks, B. M. P.
——— Hincks, Proc. Dub. U. Zool. Bot. Ass. ii. 75. part 1. [158.
——— Waters, Tert. Bry. N. Z. 46.
Membranipora papulifera, MacGill. Tr. Roy. Soc. Vic. xviii. 116.
——— MacGill. Descr. new Pol. Dec. 1881. 2. [W.]
Biflustra papulifera, MacGill. C. V. 21.
——— McCoy, P. Z. V. decade xi. 27.

1061. MEMBRANIPORA SOPHIÆ, Busk, Q. J. M. S. iii. 255.
——— Ridley, A. M. N. H. June 1881. 446.
——— Levinsen, 'Kara-Havet,' 13.
Reptoflustrina arctica, d'Orbigny, P. F. T. C. 582. [S.]
Memb. lineata, form *Sophiæ*, Smitt, K. S. B. 1867. 365.

1061*a*. M. SOPHIÆ, form MATURA, Hincks, A. M. N. H. 5. x.
——— Hincks, P. Q. C. I. 9.
Membranipora conferta, Hincks, A. M. N. H. 5. x. 249.

1062. MEMBRANIPORA SPINIFERA, Johnston; Hks. B. M. P. 149.
——— Hincks, A. M. N. H. 3. ix. sep. 29.
——— Alder, T. T. F. C. iii. 143. sep. 53.
——— Alder and Busk, Q. J. M. S. v. 247.
——— Busk, Q. J. M. S. viii. 145.
——— Fisher, Bry. Sud-ouest France, 16.
——— Vigelius, 'Wm. Barents,' 12.
Flustra spinifera, Johnston, Trans. N. H. Soc. Newc. ii. 266.
? *Flustra lineata*, (pars) Johnston, B. Z. ed. 2. 349.

1063. MEMBRANIPORA SPINOSA, Quoy and Gaim. ; Hks. A. M. N. H. 5. vii. sep. 37.
——— Waters, A. M. N. H. 5. xx. 181.
——— Waters, Tert. Bry. N. Z. 48.
——— Busk, 'Kerguelen,' sep. 3.
——— Busk, Phil. Trans. Extra-vol. clxviii. 195.
Flustra spinosa, Quoy and Gaimard, Voy. de l'Astrolabe.
Chaperia australis, Jull. Bull. Soc. Zool. France, Extr. May 1881. 1.
——— Jullien, 'Cap Horn,' 62.
Membranipora ciliata, MacGill. Tr. Roy. Soc. Vic. xviii. 3.
——— MacGill. Descr. Aus. Pol. 1868.
——— McCoy, P. Z. V. decade iii. 30.
——— McCoy, P. Z. V. decade xiii. 106.
Amphiblestrum ciliatum, MacGill. C. V. 20.

1064. MEMBRANIPORA SPINOSA, MacGillivray, Descr. new Pol. i. fig. 12.
——— McCoy, P. Z. V. decade xiii. 107.
Amphiblestrum spinosum, MacGill. C. V. 20.

1065. MEMBRANIPORA TEHUELCHA, d'Orbigny.
Flustra tehuelcha, d'Orbigny, Voy. Am. 17.
Reptoflustra tehuelcha, d'Orbigny, P. F. T. C. 328.

1066. MEMBRANIPORA TENELLA, Hincks, A. M. N. H. 5. vi. sep. 25.

1067. MEMBRANIPORA TENUIROSTRIS, Hincks, A. M. N. H. 5. vi. sep. 2.
——— Hincks, A. M. N. H. 5. xix. 314.
Membranipora Flemingii, Waters, A. M. N. H. 5. iii. 122.

1067*a*. M. TENUIROSTRIS, var. GREGARIA, Heller.
Memb. Flemingii, var. *gregaria*, Waters, A. M. N. H. 5. iii. 122.
Membranipora gregaria, Heller, Bry. Adr. 1867. 98.
Membranipora aperta, Manzoni, 'Castrocaro,' 9. [W.]

1068. MEMBRANIPORA TENUIS, Desor, Proc. Boston Soc. N. H. iii. 66.
——— Verrill, R. I. V. S. extr. 418.
——— Perkins, Boston Soc. N. H. xii. 161.

1069. MEMBRANIPORA TENUIS, Jullien, 'Travailleur,' 26.

1070. MEMBRANIPORA TERRIFICA, Hincks, A. M. N. H. 5. vii. sep. 34.

1071. MEMBRANIPORA TRIACANTHA, Lamouroux.
Flustra triacantha, Lamx. P. C. F. 109.
——— Lamx. Ency. méth. xiv. 407.
Electra triacantha, Busk, 'Challenger,' xxx. 78. alluded to.

1072. MEMBRANIPORA TRIFOLIUM, S. Wood ; Hks. B. M. P.
——— Busk, Crag Pol. 32. Plate iii. fig. 1–3 et 9. [167.
——— Waters, Tert. Bry. N. Z. 48.
——— Manzoni, 'Castrocaro,' 9.
——— Smitt, Bry. maris bor. et arct. 453.
——— Lorenz, 'Jan Mayen,' sep. 4.
——— Seguenza, Form. terz. Reggio, 80, 368.
Flustra trifolium, S. Wood, A. M. N. H. xiii. 20.
Memb. Flemingii, form *trifolium*, Smitt, K S. B. 1867. 367.
——— Freese, Bry. Ostsee, 37.
——— Möbius, Wirb. Thier. Ostsee, 115.
Memb. Flemingii, var. *a*. Fischer, Bry. Sud-ouest France, 17.
Membranipora sacculata, Norman, A. M. N. H. 3. xiii. 88. sep. 8. [H.]
Membranipora Buskiana, Boeck, Forh. Vid. Selsk. Christiania, 1861. 50. [S.]
Membranipora solida, Packard, Inv. Faun. Labr. i. 2. 272. [S]
——— Packard, List Labr. M. A. 408.
——— Packard, Canad. Nat. 408. Plate i. fig. 2.

1072*a*. M. TRIFOLIUM, var. MINOR, Hincks, A. M. N. H. 5. vi. 19.
——— Hincks, A. M. N. H. 5. xv. 255.

1072*b*. M. TRIFOLIUM, var. QUADRATA, Hincks, B. M. P. 167.

1072*c*. M. TRIFOLIUM, var. PROPINQUA, Waters, 'Aldinga,' 289.

Waters makes the *Memb. trifolium* of MacGillivray a synonym of this variety, but as he gives no figure, and MacGillivray's species differs from the typical form of '*trifolium*' in so many points, I have ventured to retain the species of MacGillivray under *Memb. argentea*.

1073. MEMBRANIPORA TRIPUNCTATA, Waters, A. M. N. H. 5. xx. 184.
——— Waters, 'Gambier,' 262.

1074. MEMBRANIPORA TUBERCULATA, Bosc ; Busk, Q. J. M. S. vi. 126.
——— Busk, Crag Pol. 30.
Flustra tuberculata, Bosc, Vers, ed. 2. iii. 143.
Flustra membranacea, Esper, 'Flustra,' Plate v. [B.]
Membranipora membranacea, Busk, B. M. C. Plate lxviii. fig. 2.

1075. MEMBRANIPORA TUBIGERA, Busk.
Foveolaria tubigera, Busk, 'Challenger,' xxx. 68.

1076. MEMBRANIPORA TUBULOSA, Bosc.
Flustra tubulosa, Bosc, Vers, iii. 118.
——— Lamx. P. C. F. 108.
——— Lamx. Ency. méth. xiv. 406.

1077. MEMBRANIPORA UMBONATA, Busk, B. M. C. ii. 57.
——— Busk, 'Challenger,' xxx. Plate xv. fig. 8.
——— McCoy, P. Z. V. decade iii. 31.
Amphiblestrum umbonatum, Busk, 'Challenger,' xxx. 66.
——— MacGill. C. V. 20.

1077*a*. M. UMBONATA, var. NOV. Waters, 'Challenger,' lxxix. 12.

1078. MEMBRANIPORA UNDULATA, Quoy et Gaimard.
Flustra undulata, Quoy et Gaim. M. S.
——— Lamx. Ency. méth. xiv. 413.

1079. MEMBRANIPORA UNICORNIS, Fleming; Hks. B. M. P. [154.
——— Busk, Jour. Lin. Soc. xv. 234.
——— Alder, T. T. F. C. iii. 146. sep. 56.
——— Vigelius, 'Wm. Barents,' 12.
——— Lorenz, 'Jan Mayen,' sep. 4.
——— Couch, Corn. Faun. iii. 120.
Flustra unicornis, Fleming, B. A. 536.
——— Fleming, Edinb. Phil. Jour. ii. 87.
——— Maitland, Faun. Belg. 63.
? ——— Johnston, Trans. N. H. Soc. Newc. ii. 266.
——— Blainv. M. d'A. 450.
Memb. membranacea, (pars) Johnston, B. Z. ed. 2. 328. [H.]
? *Lepralia squama*, Dalyell, R. R. An. Scot. ii. 79.
Memb. lineata, form *unicornis*, Smitt, K. S. B. 1867. 365.
——— Winther, Bry. Danmark, sep. 24.

1080 MEMBRANIPORA UNIDENTATA, Lamouroux.
Flustra unidentata, Lamx. P. C. F. 111.
——— Lamx. Ency. méth. xiv. 407.

1081. MEMBRANIPORA VALDEMUNITA, Hincks, A. M. N. H. 5. xv. 248.
Membranipora tessellata, Hutton, C. M. M. 96.
——— Hutton, N. Z. Cat. 190.

1082. MEMBRANIPORA VASCULATA, Quoy et Gaimard.
Flustra vasculata, Quoy et Gaim. Voy. Uranie, Plate xci. fig. 6, 7.
——— Lamx. Ency. méth. xiv. 414.

1083. MEMBRANIPORA VELATA, Hincks, A. M. N. H. 5. viii. 130. sep. 71.
——— Hincks, A. M. N. H. 5. xiii. 209.
——— Hincks, P. Q. C. I. 38.

1084. MEMBRANIPORA VILLOSA, Hincks, A. M. N. H. 5. vi. sep. 16.
? *Flustra Isabelleana*, d'Orbigny, Voy. Am. 18.
? *Reptoflustra Isabelleana*, d'Orbigny, P. F. T. C. 328.

1085. MEMBRANIPORA VITREA, Hincks, A. M. N. H. 5. viii. sep. 52.
——— Hincks, Lit. Phil. Soc. Liverpool. April 1881.

1086. MEMBRANIPORA ZOSTERICOLA, Nordmann.
——— Ostroumoff, in Trud. obsch. est. xvi. Plate 1. fig. 13, 14.
Tendra zostericola, Nordman, Voy. dans la Russie Mérid. et la Crimée, iii.
——— Repiachoff, Zeitsch. wissensch. Zool. xxv. 129.

1087. MEMBRANIPORELLA AGASSIZII, Smitt, F. B. ii. 11.

1088. ?MEMBRANIPORELLA ARAGOI, Audouin.
Flustra Aragoi, Savigny, Zool. Egypt. Plate x. fig. 1.
——— Audouin, Expl. xxiii. 68.
Reptescharella Aragoi, d'Orbigny, P. F. T. C. 465.

1089. MEMBRANIPORELLA CRASSICOSTA, Hks. A.M.N.H. 6. i. 216.

1090. MEMBRANIPORELLA DISTANS, MacGillivray, Descr. new Pol. July 1882. 1.
——— MacGill. C. V. 22.

1091. MEMBRANIPORELLA MELOLONTHA, Busk; Hks. B. M. P. 202.
Lepralia melolontha, Busk, B. M. C. ii. 78.
——— Landsb. B. Z. 319.
Lepralia nitida, *var.* Johnston, B. Z. ed. 2. 319.

1092. MEMBRANIPORELLA NITIDA, Johnston; Hks. B. M. P. [200.
Lepralia nitida, Johnston, B. Z. ed. 1. 277.
——— Johnston, B. Z. ed. 2. 319.
——— Gray, B. M. C. i. 120.
——— Hassall, A. M. N. H. vii. 367.
——— Thompson, A. M. N. H. v. 253.
——— Hyndman, A. M. N. H. x. 20.
——— Hincks, A. M. N. H. 3. ix. 203. sep. 43.
——— Couch, Corn. Faun. iii. 114.
——— Landsb. B. Z. 318.
——— Gosse, Mar. Zool. ii. 17.
——— Alder, T. T. F. C. iii. 141. sep. 51.
——— Busk, B. M. C. ii. 76.
——— Dalyell, R. R. An. Scot. ii. 77.
——— Smitt, K. S. B. 1865. 32.
——— Hutton, N. Z. Cat. 191.
Membraniporella nitida, Smitt, F. B. ii. 10.
——— Waters, 'Muddy Creek,' 436.
——— Waters, Tert. Bry. N. Z. 52.

MEMBRANIPORELLA NITIDA, JOHNSTON (*continued*)—
Membranipora nitida, Smitt, K. S. B. 1867. 366.
——— Freese, Bry. Ostsee, 37.
——— Möbius, Wirb. Thier. Ostsee, 114.
Escharoides nitida, M. Edw. in Lamk. An. s. V. ed. 2. ii. 259. [H.]
Berenicea nitida, Fleming, B. A. 533. [H.]
——— Blainv. M. d'A. 445.
? *Cellepora nitida*, Linn. Syst. Nat. ed. Gmel. 3792.
——— Lamx. P. C. F. 88.
? ——— Bosc, Vers, iii. 123.
Lepralia eximia, Seguenza non Hks. Form. terz. etc. 203.

1093. MENIPEA ACULEATA, BUSK, non d'Orb. 'Challenger,' xxx. [20.

1094. MENIPEA ARCTICA, BUSK, Q. J. M. S. iii. 254.
——— Ridley, A. M. N. H. June 1881. 444.
——— Kirchenpauer, Cat. E. Grönl. 417.
——— Lorenz, 'Jan Mayen,' sep. 1.

1095. MENIPEA BENEMUNITA, BUSK, 'Challenger,' 19.
——— Jullien, 'Cap Horn,' 69.

1096. MENIPEA BUSKII, WYV. THOMPSON, Proc. Dub. Zool. Bot. Assoc. i. 89.
——— Wyv. Thompson, Dub. Nat. Hist. Rev. v. 144.
——— Wyv. Thompson, Q. J. M. S. vii. 151.
——— McCoy, P. Z. V. decade vi. 35.
——— MacGill. C. V. 14.
——— Hutton, N. Z. Cat. 182.

1097. MENIPEA CERVICORNIS, MACGILLIVRAY; McCoy, P. Z. V. decade vi. 34.
——— MacGill. C. V. 15.
Emma cervicornis, MacGill. Tr. Roy. Soc. Vic. Part 2. ix. 127.
——— MacGill. Descr. Aus. Pol. Nov. 1868. 2.

1097*a*. M. CERVICORNIS, VAR. WATERS, A. M. N. H. 5. xx. 88.

1098. MENIPEA CIRRATA, LAMOUROUX, P. C. F. 145.
——— Lamx. Expos. méth. 7.
——— Lamx. Ency. méth. xiv. 514.
——— Krauss, Cor. Zooph. Südsee, 32.
——— d'Orbigny, P. F. T. C. 47.
——— Dieffenbach, N. Z. ii. 292.
——— Hutton, N. Z. Cat. 182.
——— Busk, B. M. C. i. 21.
——— Blainville, D. S. N. xxx. 31.
——— Blainville, M. d'A. 463.
Sertularia cirrata, Linn. Syst. Nat. ed. Gmel. 3862. [Bl.]

MENIPEA CIRRATA, Lamouroux (*continued*)—
Cellaria cirrata, Solander, Zooph. 29.
——— Bruguière, Ency. 447.
——— Bosc, Vers, 106.
——— Lamk. An. s. V. ed. 1. ii. 141.
Tubularia cirrata, Esper, Plate vii. fig. 1–3.
——— Seba, Thesaurus, iii. Plate ci. No. 8.
Sertularia crispa, Linn. Syst. Nat. ed. Gmel. 3860.
Cellularia crispa, Pallas, Elenchus, 71.
Cellularia cirrata, Busk, 'Kerguelen,' sep. 2.
Curled Coralline, Solander, Zooph. 29.

Busk gives *Tubularia cirrata*, and Pallas gives *Cellularia crispa*, for the same plate and number of Seba. I am unable to determine which is the correct reference.

1099. MENIPEA CRYSTALLINA, Gray; Wyv. Thomp. J. M. S. McCoy, P. Z. V. decade vi. 31. [1859.
——— MacGill. C. V. 15.
Emma crystallina, Gray in Dieffenbach, N. Z. ii. 293.
——— Busk, B. M. C. i. 28.
——— Busk, Voy. Ratt. i. 373.
——— Busk, 'Challenger,' xxx. 23.
——— Hutton, N. Z. Cat. 183.
——— Pergens, Bull. Soc. R. M. Belg. xxii. sep. 5.
Pherusa cordiformis, Desm. et Lesu. Plate vi. fig. 4. [P.]
Evernea triangularis, Desm. et Lesu. Plate vi. fig. 1. [P.]

1100. MENIPEA CYATHUS, Wyv. Thompson, Dub. Zool. Bot. Assoc. i. 88.
——— Wyv. Thompson, Dub. Nat. Hist. Rev. v. 143.
——— McCoy, P. Z. V. decade vi. 33.
——— MacGill. C. V. 14.
——— Pergens, Bull. Soc. R. M. Belg. xxii. sep. 5.
Pherusa acaroides, Desm. et Lesu. Plate vi. fig. 3. [P.]

1101. MENIPEA DUPLEX, Levinsen, 'Kara-Havet,' 5.
? *Cellularia ternata*, form *duplex*, Smitt, K. S. B. 1867. 283.

1102. MENIPEA FLABELLUM, Linn.; Busk, 'Challenger,' xxx. 21.
——— Lamx. P. C. F. 146.
——— Lamx. Expos. méth. 7.
——— Lamx. Ency. méth. xiv. 515.
——— Blainv. D. S. N. xxx. 32.
——— Blainv. M. d'A. 463.
——— Krauss, Cor. Zooph. Südsee, 33.
——— d'Orbigny, P. F. T. C. 47.
Sertularia flabellum, Linn. Syst. Nat. ed. Gmel. 3862.

MENIPEA FLABELLUM (*continued*)—
Cellaria flabellum, Solander, Zooph. 28.
——— Bruguière, Ency. 448. No. 6.
——— Bosc, Vers, 109.
——— Lamk. An. s. V. ed. 1. ii. 142.
Cellularia ornata, Busk, B. M. C. i. 20.

1103. MENIPEA FLAGELLIFERA, Busk, 'Challenger, 21.

1104. MENIPEA FLOCCOSA, Linn.; Lamx. P. C. F. 146.
——— Lamx. Ency. méth. xiv. 515.
——— Blainv. M. d'A. 463.
Sertularia floccosa, Linn. Syst. Nat. ed. Gmel. 3860.
Cellularia floccosa, Pallas, Elenchus, 70.

1105. MENIPEA FUEGENSIS, Busk, B. M. C. i. 21.
——— Busk, Phil. Trans. 194.
——— Busk, 'Kerguelen,' sep. 2.
——— Wyv. Thomp. J. M. S. 1859.
——— Jullien, 'Cap Horn,' 70.

1106. MENIPEA FUNICULATA, MacGillivray, Descr. new Pol. ix. 1.
——— MacGill. Tr. Roy. Soc. Vic. 1885.
——— MacGill. C. V. 15.

1107. MENIPEA JEFFREYSII, Norman, Q. J. M. S. n.s. viii. 213.
——— Hincks, B. M. P. 42.

1108. MENIPEA MARGINATA, Hincks, A. M. N. H. 5. xiv. 276.

1109. MENIPEA MARIONENSIS, Busk, 'Challenger,' xxx. 21.

1110. MENIPEA OCCIDENTALIS, Trask, Proc. Califor. Ac. Nat. Sci. i. 1873.
Menipea compacta, form *triplex*, Hks. A. M. N. H. 5. x. 461.
——— Hks. A. M. N. H. 5. xiii. 208.
——— Hks. P. Q. C. I. 3, 38.

1111. MENIPEA PATAGONICA, Busk, B. M. C. i. 22.
——— Busk, 'Kerguelen,' sep. 2.
——— Jullien, 'Cap Horn,' 71.
Cellularia patagonica, Busk, B. M. C. Plate xxv.

1112. MENIPEA PATERIFORMIS, Busk, 'Challenger,' xxx. 22.

1113. MENIPEA PORTERI, MacGillivray, Tr. Roy. Soc. of S. Aus. June 1889. 25.

1114. MENIPEA SMITTII, Norman, J. M. S. n.s. viii. 214.
——— Kirch. Cat. E. Grönl. 418.
Cellularia ternata, form *duplex*, Smitt, K. S. B. 1867. 283. [K.]

1115. MENIPEA TERNATA, Solander; Hks. B. M. P. 38.
——— Hincks, A. M. N. H. 5. x.
——— Hincks, P. Q. C. I. 3.
——— Busk, B. M. C. i. 21.
——— Busk, B. A. Rep. 1859. Tr. sec. 144.
——— Alder, T. T. F. C. supp. v. 20.
——— Gosse, Mar. Zool. ii. 10.
——— Vigelius, 'Wm. Barents,' 8.
——— d'Orbigny, P. F. T. C. 47.
——— Packard, Inv. Faun. Labr. i. 2. 273.
——— Levinsen, 'Kara-Havet,' 3.
——— Lorenz, 'Jan Mayen,' sep. 1.
Cellaria ternata, Solander, Zooph. 30.
Cellularia ternata, Johnston, B. Z. ed. 2. 235.
——— Landsb. B. Z. 338.
——— Alder, T. T. F. C. iii. 148. sep. 58.
——— Maitland, Faun. Belg. 68.
——— Verrill, R. I. V. S. Extr. 417.
——— Smitt, K. S. B. 1867. 282.
Crisia ternata, Lamx. P. C. F. 142. (61.)
——— Lamx. Ency. méth. xiv. 225.
——— MacGill. A. M. N. H. ix. 466.
Sertularia ternata, Linn. Syst. Nat. ed. Gmelin, 3862.
——— Linn. Turton, iv. 687.
Tricellaria ternata, Fleming, B. A. 540.
——— Blainv. D. S. N. lx. 422.
——— Blainv. M. d'A. 458.
——— Sars, N. Mag. Nat. B.6. 149.
——— Gray, B. M. C. i. 113.
Cellarina ternata, Verrill, Am. Jour. Sci. Art. 3. xviii. 53.
——— Verrill, Cont. Zool. Mus. Yale Coll. No. xliii.
? *Cellularia densa*, Desor, Proc. Boston Soc. N. H. iii. 66. [V.]
Three-celled Coralline, Solander, Zooph. 30.
Cellarina gracilis, V. Ben. Bull. Brux. xv. 2. 73. sep. 7. [H.]
——— V. Ben. Bull. Brux. xvi. 2. 645.

1115*a*. M. TERNATA, var. GRACILIS, Smitt, K. S. B. 1864.
——— Vigelius, 'Wm. Barents,' 9.
Menipea ternata, with many cells, Hks. P. Q. C. I. 3.
Cellularia ternata, form *gracilis*, Smitt, K. S. B. 1867. 283.
Menipea gracilis, Busk, Jour. Lin. Soc. xv. 232.
——— Levinsen, 'Kara-Havet,' 3. [No. xliii.
Cellarina ternata, var. *gracilis*, Verrill, Cont. Zool. Mus. Yale Coll.

1116. MENIPEA TRICELLATA, Busk; Wyv. Th. J. M. S. 1859.
——— McCoy, P. Z. V. decade vi. 34.
——— MacGill. C. V. 15.

MENIPEA TRICELLATA, Busk (*continued*)—
Emma tricellata, Busk, B. M. C. i. 28.
——— Busk, Voy. Ratt. i. 373.
——— Hutton, N. Z. Cat. 183.

1117. MENIPEA TRICYTHARA, d'Orbigny, P. F. T. C. 47.
Crisia tricythara, Lamx. P. C. F. 142.
——— Lamx. Ency. méth. xiv. 225.
Tricellaria tricythura, Blainv. d'A. 458.

1118. MENIPEA TRISERIATA, Busk, B. M. C. i. 22.
——— Busk, 'Challenger,' xxx. 21.
——— Wyv. Th. J. M. S. 1859.

1119. MESENTERIPORA MEANDRINA, Wood; Smitt, K. S. B. 1865. 398.
——— Busk, Jour. Lin. Soc. xv. 239.
——— Busk, B. M. C. iii. 29.
——— Whiteaves, 'St. Lawrence,' 12.
——— Busk, Crag Pol. 109.
——— d'Orbigny, P. F. T. C. 807.
Diastopora meandrina, Wood, A. M. N. H. xiii. 14.
Bidiastopora meandra, d'Orbigny, Prodr. pal. strat. i. 289.
Ceriopora compressa, Goldfuss, Petrefac. i. 37. [S.]
——— Blainv. M. d'A. 414.
Polytrema compressa, d'Orbigny, Prod. pal. strat. ii. 279. [S.]
Ditaxia compressa, Hagenow, Bry. Maast. Kreid. 50. [S.]
Mesenteripora compressa, d'Orbigny, P. F. T. C. 811. [S.]
Mesenteripora Michelinii, Blainv. M. d'A. 432. [S.]
Diastopora Michelinii, M. Edw. Ann. Sci. Nat. 2. ix. sep. 34. [S.]
——— Michelin, Iconog. Plate lvi. fig. 10. [S.]
Bidiastopora Michelinii, d'Orbigny, Prodr. pal. strat. i. 317. [S.]
Mesenteripora Michelinii, d'Orbigny, P. F. T. C. 808. [S.]
Mesenteripora dedalæa, Blainv. M. d'A. 432. [S.]
Diastopora Eudesiana, M. Edw. Ann. Sci. Nat. 2. ix. sep. 33. [S.]
——— Michelin, Iconog. Plate lvi. fig. 9. [S.]
Bidiastopora Eudesiana, d'Orbigny, Prodr. pal. strat. i. 317. [S.]
Mesenteripora Eudesiana, d'Orbigny, P. F. T. C. 808. [S.]
——— Manzoni, Bry. mioc. d'Aust. iii. 13.
——— ? M. Edw.; Seguenza, Form. terz. Reggio, 132.
Mesenteripora neocomiensis, d'Orbigny, P. F. T. C. 808. [S.]
Diastopora Michelinii, M. Edw.; Reuss, 'Jura,' 10.
——— Haime, Mém. Soc. Geol. France, 2. v. 1. 188.

1120. MESENTERIPORA REPENS, Haswell, Proc. Lin. Soc. of N.S.W. vi. 199.
——— Waters, A. M. N. H. 5. xx. 260.

1121. MESENTERIPORA SCOBINULA, Lamk. ; Blainv. M. d'A.
Eschara scobinula, Lamk. An. s. v. ed. 1. ii. 177. [432.

1122. ? MICROPORA ACULEATA, d'Orbigny.
Multescharellina aculeata, d'Orbigny, P. F. T. C. 458.

1123. ? MICROPORA AFRICANA, d'Orbigny.
Semieschara africana, d'Orbigny, P. F. T. C. 366.

1124. ? MICROPORA BOREALIS, d'Orbigny.
Reptescharellina borealis, d'Orbigny, P. F. T. C. 454.

1125. ? MICROPORA CANDEANA, d'Orbigny.
Multescharellina candeana, d'Orbigny, P. F. T. C. 458.

1126. MICROPORA CORIACEA, Esper ; Hincks, B. M. P. 174.
——— Gray, B. M. C. i. 115.
——— Smitt, F. B. ii. 13.
——— Busk, 'Challenger,' xxx. 71.
——— Kirkpatrick, A. M. N. H. 6. ii. 75.
——— MacGill. C. V. 22.
Membranipora coriacea, Peach, Jour. Roy. Inst. Cornw. xviii.
——— Busk, B. M. C. ii. 57. [sep. 1.
Discopora coriacea, Lamk. An. s. V. ed. 1. ii. 168.
——— Lamk. An. s. V. ed. 2. ii. 251.
——— Lamx. Ency. méth. xiv. 255.
——— Blainv. D. S. N. lx. 411.
——— Blainv. M. d'A. 446.
Flustra coriacea, Esper, Pflanzen. Plate vii. fig. 2.
——— Landsb. B. Z. 353.

1126*a*. M. CORIACEA, var. ANGUSTA, MacGill. Descr. new Pol.
——— MacGill. Tr. Roy. Soc. Vic. 1886. [xi. 4.
——— MacGill. C. V. 22.

1126*b*. ? MICROPORA CORIACEA, var. Hincks, A. M. N. H. 5. vi. sep. 27.

1127. MICROPORA DEPRESSA, Moll.
Eschara depressa, Moll, 'Eschara,' 69.
Flustra depressa, Risso, Eur. Mérid. v. 335.
——— Lamx. P. C. F. 115.
——— Lamx. Ency. méth. xiv. 415.
Reptoflustra depressa, d'Orbigny, P. F. T. C. 328.
Cellepora depressa, d'Orbigny, P. F. T. C. 404.

1128. MICROPORA ELONGATA, Hincks, A. M. N. H. 5. ix. 86.
——— Waters, A. M. N. H. 6. iv. 8.
Micropora variperforata, Waters, Tert. Bry. N. Z. 51.
Steganoporella elongata, Hincks, A. M. N. H. 5. vi. 29.

1129. ? MICROPORA GLOBULOSA, d'Orbigny.
Multescharellina globulosa, d'Orbigny, P. F. T. C. 458.

1130. MICROPORA HIPPOCREPIS, Goldfuss; Waters, 'Gambier,' 264.
Cellepora hippocrepis, Goldf. Petrefac. i. 26.
——— Reuss, Wien. tert. 94.
——— Hagenow, Bry. Maast. Kreide. 91.
Membranipora bidens, Busk, Crag Pol. 34.
——— Busk, Q. J. G. S. xvi. 260.
——— Reuss, Bry. mioc. d'Aust. 43.
——— Manzoni, 'Castrocaro,' 15.
——— Waters, 'Bruccoli,' 3.
——— Waters, Tr. Manch. Geol. Soc. xiv. 467.
——— Seguenza, Form. terz. Reggio, 80, 128, 198, 368. [W.]
——— Seguenza, Accad. dei Lincei, 3. vi. (pub. in 1880.)
Membranipora Rosselii, Manzoni, Bry. plioc. It. iv. 11.
Membranipora deplanata, Reuss, Pal. Stud. ii. 51. (ed. 1869, 263.)
Cellepora deplanata, Reuss, Wien. tert. 96.
——— Reuss; d'Orbigny, P. F. T. C. 398.
Periteichisma deplanatum, Reuss; Koschinsky, Bry. tert. Bay. 26.

For difference of opinion on this species see Pergens in 'Rhodes,' 17.

1131. MICROPORA IMPRESSA, Moll; Waters, A. M. N. H. 5. iii. 123.
Eschara impressa, Moll, 'Eschara,' ed. 1803. 51.
——— Moll, Die Seerinde, 57.
Flustra impressa, Lamx. P. C. F. 107.
——— Lamx. Ency. méth. xiv. 412.
Reptoflustra impressa, d'Orbigny, P. F. T. C. 328.
Cellepora impressa, d'Orbigny, P. F. T. C. 404.
Membranipora calpensis, Busk, B. M. C. 60. [W.]
——— Busk, J. R. M. S. viii. 283.
——— Manzoni, Supp. Faun. Med. 3.
——— Manzoni, 'Castrocaro,' 13.
——— var. Seguenza, Form. terz. Reggio, 128, 294, 328, 368.
Membranipora andegavensis, Busk, Crag Pol. 35. [W.]
——— Manzoni, Bry. plioc. It. ii. 2. (513.) [W.]
——— Mich.; Manzoni, 'Rhodes,' 62.
——— Mich.; Seguenza, Form. terz. Reggio, 80, 128, 129.
——— var. Seguenza, Form. terz. Reggio, 368.
Eschara andegavensis, Michelin, Icon. Zooph. 329. [W.]
Cellepora gracilis, Reuss, Wien. tert. 93. [W.]
Membranipora gracilis, Reuss, Pal. Stud. tert. Alp. ii. 79.
——— Reuss, Bry. mioc. d'Aust. 44. (184.)
——— Reuss; Seguenza, Form. terz. Reggio, 81, 128, 198.

MICROPORA IMPRESSA, Moll (*continued*)—
Lepralia gracilis, Reuss, 'Oberoligoçän,' ii. 19.
Membranipora bifoveolata, Heller, Bry. Adr. 1867. 95. [W.]
Steganoporella bifoveolata, Koschinsky, Bry. tert. Bay. sep. 32.
Cellepora andegavensis, d'Orbigny, P. F. T. C. 397.
Escharina andegavensis, d'Orbigny, Prodr. pal. strat. iii. 135.
? *Cellepora gracilis*, v. Münst. in Goldf. Petrefac. 102. [W.]
? *Micropora gracilis*, v. Münst. ; Koschinsky, Bry. tert. Bay. 33.
? ——— v. Münst. ; Meun. and Perg. 'Montien,' 10.
? *Escharina gracilis*, d'Orbigny, Prodr. pal. strat. iii. 135.
? *Cellepora minuta*, Reuss, Wien. tert. 93. [W.]
? *Reptescharellina minuta*, Reuss ; d'Orbigny, P. F. T. C. 452.
? *Eschara nobilis*, Michelin, Icon. Zooph. 329. [W.]
? *Multescharellina subnobilis*, d'Orbigny, P. F. T. C. 458.
? *Cellepora nobilis*, d'Orbigny, Prodr. pal. strat. ii. 136.
Multescharellina Prusi, d'Orbigny, m.s.s.

Regarding the synonymy of this species, it must be remarked that opinions differ. Hincks places the *Membranipora andegavensis* of Busk as a synonym of *Steganoporella Smittii* (B. M P. 178) and Pergens makes the *Cellepora gracilis* of Münster a distinct species as *Micropora gracilis*. For synonyms see 'Les Bryozoaires du Systeme Montien.'

1132. ? MICROPORA INÆQUALIS, d'Orbigny.
Reptescharellina inæqualis, d'Orbigny, P. F. T. C. 454.

1133. MICROPORA LEPIDA, Hincks sp. Waters, Tert. Bry. N. Z. 51.
Monoporella lepida, Hincks, A. M. N. H. 5. viii. 59.
——— Hincks, Lit. Phil. Soc. Liverpool. April 1881.

1134. MICROPORA NOBILIS, Esper ; Pergens, 'Tasmajdan,' 17.
Cellepora nobilis, Esper, Zooph. Plate vii.
Multescharellina nobilis ?, d'Orbigny, P. F. T. C. 458.

1135. MICROPORA PERFORATA, MacGillivray, C. V. 22.
——— Waters, 'Aldinga,' 290.
Membranipora perforata, MacGill. Descr. Aus. Pol. 1859. 97.
——— MacGill. Trans. Phil. Inst. Vic. 1859.
——— McCoy, P. Z. V. decade iii. 29.
Membranipora stenostoma, Busk, B. M. C. ii. 60.
——— Etheridge, Synop. Aus. tert. Pol. 11.

1136. ? MICROPORA PERUVIANA, d'Orbigny.
Escharina peruviana, d'Orbigny, Voy. Am. 16.
Cellepora peruviana, d'Orbigny, P. F. T. C. 399.

1137. MICROPORA RATONIENSIS, Waters, A. M. N. H. 5. xx. 185.

1138. ? MICROPORA SIMPLEX, d'Orbigny.
Membranipora simplex, d'Orbigny, Voy. Am. 17.
——— d'Orbigny, P. F. T. C. 542.

1139. MICROPORA UNCIFERA, Busk, 'Challenger,' xxx. 71.
——— Jullien, 'Cap Horn,' 80.

1140. ? MICROPORELLA ASPERA, d'Orbigny.
Reptoporina aspera, d'Orbigny, P. F. T. C. 444.

1141. MICROPORELLA BICRISTATA, Busk; Hincks, A. M. N. H. 5. vi. sep. 8.
Lepralia bicristata, Busk, B. M. C. ii. 72.

1142. ? MICROPORELLA CANDEANA, d'Orbigny.
Reptoporina candeana, d'Orbigny, P. F. T. C. 444.

1143. ? MICROPORELLA CECILLEANA, d'Orbigny.
Escharellina cecilleana, d'Orbigny, P. F. T. C. 207.

1144. MICROPORELLA CILIATA, Pallas; Hks. B. M. P. 206.
——— Hincks, A. M. N. H. 5. xi.
——— Hincks, P. Q. C. I. 14.
——— Waters, A. M. N. H. 5. xx. 188.
——— Waters, 'Gambier,' 266.
——— Waters, Tert. Bry. N. Z. 53.
——— *var.* Waters, 'Bairnsdale,' 508.
——— Busk, 'Challenger,' xxx. 138.
——— Vigelius, Bry. Oostsch. supp. i. 548.
——— MacGill. C. V. 23.
——— Pergens, 'Rhodes,' 22.
——— Pergens, Bry. Nord-ouest Méd. 8.
Lepralia ciliata, Johnston, B. Z. ed. i. 279.
——— Johnston, B. Z. ed. 2. 323.
——— *var.* β. Johnston, B. Z. ed. 2. 323.
——— Thompson, A. M. N. H. v. 253.
——— J. MacGill. A. M. N. H. ix. 467.
——— Gray, B. M. C. i. 121.
——— Busk, B. M. C. ii. 73.
——— Busk, 'Kerguelen,' sep. 4.
——— Busk, Crag Pol. 42.
——— Landsb. B. Z. 323.
——— Alder, T. T. F. C. 140. sep. 50.
——— Hincks, A. M. N. H. 3. ix. 202.
——— Waters, A. M. N. H. 5. iii. 33.
——— Waters, 'Bruccoli,' 5.
——— Sars, N. Mag. Nat. vii. 379.
——— Heller, Bry. Adr. 1867. 107.
——— Hutton, N. Z. Cat. 191.

MICROPORELLA CILIATA, PALLAS (*continued*)—

Lepralia ciliata, McCoy, P. Z. V. decade iv. 28.
——— Marion, Drag. Mars. 35.
——— Marion, Ann. Sci. Nat. viii.
——— Packard, Inv. Faun. Labr. i. 2. 270.
——— Manzoni, Bri. plioc. It. iii. 10.
——— Manzoni, 'Castrocaro,' 24.
——— Manzoni, 'Rhodes,' 64.
——— Seguenza, Form. terz. Reggio, 81, 129, 202, 295, 328, 369.
Eschara ciliata, Pallas, Elenchus, 38.
——— var. β. Pallas, Elenchus, 38.
Cellepora ciliata, Lamx. P. C. F. 92. (41.)
——— Lamx. Ency. méth. xiv. 183.
——— Linn. Syst. Nat. ed. 12. 1286. [H.]
——— Linn. Syst. Nat. ed. Gmel. 3792.
——— Fabr. Faun. Grönl. 434. No. 441. [J.]
Porellina ciliata, Smitt, F. B. ii. 26.
Porina ciliata, form *typica*, Smitt, K. S. B. 1867. 6.
——— Fischer, Bry. Sud-ouest France, 19.
——— Winther, Bry. Danmark, sep. 29.
Eschara vulgaris β. Moll, die Seerinde, 56.
Escharina vulgaris, Gray, B. M. C. i. 123.
——— (pars) M. Edw. in Lamk. An. s. V. ed. 2. 231.
Reptoporellina subvulgaris, d'Orbigny, P. F. T. C. 477.
Lepralia insignis, Hassall, A. M. N. H. vii. 368.
——— Couch, Corn. Faun. iii. Plate xxii. fig. 11.
——— J. MacGill. A. M. N. H. ix. 467.
Herentia insignis, Gray.
Flustra Genisii, Savigny, Zool. Egypt. Plate ix. fig. 5.
——— Andouin, Expl. 239. (67.)
Escharina Genisii, Lamk. An. s. V. ed. 2. ii. 238.
Reptescharellina Genisii, d'Orbigny, P. F. T. C. 454.
Lepralia calabra, Seguenza, Form. terz. Reggio, 201, 328, 369. [P.]
Pyriflustrella arctica, d'Orbigny, P. F. T. C. 570. [P.]
Escharina armata, d'Orbigny, Voy. Am. 15.
Reptescharellina armata, d'Orbigny, P. F. T. C. 453.
? *Flustra ombracula*, Savigny, Plate ix. fig. 7.
——— Audouin, Expl. 67.
? *Reptoporina ombracula*, d'Orbigny, P. F. T. C. 443.
? *Berenicea utriculata*, Fleming, B. A. 533.
? ——— Blainv. M. d'A. 445.
? *Lepralia pustula*, Dalyell, R. R. An. Scot. ii. 75.
Lepralia utriculus, Manzoni, Bri. plioc. It. i. 23.
——— Manzoni, Bri. plioc. It. ii. 7.
Lepralia glabra, Reuss, Bry. mioc. d'Aust. 17.
Cellepora crenilabris, Reuss, Wien. tert. 88. [P.]

MICROPORELLA CILIATA, Pallas (*continued*)—
Reptescharellina crenilabris, d'Orbigny, P. F. T. C. 452.
Cellepora pleuropora, Reuss, Wien. tert. 88.
Reptescharellina pleuropora, d'Orbigny, P. F. T. C. 452.
Lepralia pleuropora, Reuss, Bri. mioc. d'Aust. 153. sep. 13.
——— Seguenza, Form. terz. Reggio, 81, 202.
Flustra diadema, Lamx. in Quoy and Gaim. 'Uranie,' Zool. 609.
——— Lamx. Ency. méth. xiv. 407.
Porellina diadema, Smitt, F. B. ii. 27.
? *Reptoporina diadema*, d'Orbigny, P. F. T. C. 443.
Fenestrulina Hyadesi, Jullien, 'Cap Horn,' 44.

1144*a*. M. CILIATA, form DURA, Smitt, K. S. B. 1867. 6.

1144*b*. M. CILIATA, var. PERSONATA, Busk; Hks. B. M. P. 207.
——— MacGill. C. V. 23.
Lepralia personata, Busk, B. M. C. ii. 74.
Microporella personata, Busk, 'Challenger,' xxx. 137.
Fenestrulina personata, Jullien, 'Cap Horn,' 43.

1144*c* M. CILIATA, form VIBRACULIFERA, Hincks, A. M. N. H.
——— Hincks, P. Q. C. I. 15. [5. xi.

1144*d*. M. CILIATA, form UMBONATA, Hincks, A. M. N. H. 5. xi.
——— Hincks, P. Q. C. I. 15.

1144*e*. M. CILIATA, var. UMBONATA, MacGillivray, C. V. 23.

1144*f*. M. CILIATA, form CALIFORNICA, Busk; Hks. A. M. N. H.
——— Hincks, P. Q. C. I. 16. [5. xi.
Lepralia californica, Busk, J. R. M. S. iv. 310.

1145. MICROPORELLA COSCINOPHORA, Reuss, var. MUCRONATA, MacGillivray.
——— Waters, 'Aldinga,' 295.
Lepralia mucronata, MacGill. Descr. Aus. Pol. Nov. 1868. 8. [W.]
Eschara mucronata, McCoy, P. Z. V. decade v. 43.
Adeonellopsis mucronata, MacGill. C. V. 24. [only.
Adeonella mucronata, Busk, 'Challenger,' xxx. 180. mentioned
M. coscinophora, var. *armata*, Waters, 'Muddy Creek,' 436.
——— Waters, 'Curdies Creek,' 331.
——— Waters, A. M. N. H. 6. iv. 5.
——— Waters, 'Challenger,' lxxix. 39.
Eschara coscinophora, Reuss, Wien. tert. 67.
——— Reuss, 'Oberoligocän,' ii. 36. (649.)
——— Reuss, 'Septarienthon.' 70. 186.
——— Reuss; Manzoni, Bri. mioc. d'Aust. ii. 14.
——— Reuss; Stoliczka, 'Latdorf,' 89.
——— Reuss; Schreiber, Bry. Grünsand, 477.

MICROPORELLA COSCINOPHORA, Reuss (*continued*)—
Porina coscinophora, Koschinsky, Bry. tert. Bay. 40.
Escharellina coscinophora, d'Orbigny, P. F. T. C. 207.
Porellina coscinophora, d'Orbigny, P. F. T. C. 476.
Esch. coscinophora, var. *pliocenica*, Seguenza, Form. terz. Reggio, Plate xvii. fig. 7. [Kos.]
Adeonellopsis australis, MacGill. Descr. new Pol. ix. 8.
——— MacGill. Tr. Roy. Soc. Vic. 1885. [W.]
——— MacGill. C. V. 24.
Adeonellopsis latipuncta, MacGill. Descr. new Pol. ix. 7.
——— MacGill. Tr. Roy. Soc. Vic. xxii. 134. [W.]
——— MacGill. C. V. 24.
Eschara sulcata, M. Edwards, Ann. Sci. Nat. 2. vi. 43. [W.]
——— d'Orbigny, P. F. T. C. 345.
Adeonella sulcata, Busk, 'Challenger,' xxx. 180.

1146. ? MICROPORELLA COSTATA, d'Orbigny.
Reptoporellina costata, d'Orbigny, P. F. T. C. 478.

1147. MICROPORELLA DECORATA, Reuss; Hks. A. M. N. H. 5. vi. 74. sep. 6.
——— Waters, 'Bairnsdale,' 508.
Celtepora decorata, Reuss, Wien. tert. 89.
Lepralia decorata, Reuss, Bry. mioc. d'Aust. 14.
——— Manzoni, 'Castrocaro,' 15.
——— Manzoni, Bry. plioc. It. ii. 4.
——— Seguenza, Form. terz. Reggio, 81, 199, 294.
Reptescharellina decorata, d'Orbigny, P. F. T. C. 452.
Lepralia Sturi, Reuss, Bry. mioc. d'Aust. 22. [W.]
——— Seguenza, Form. terz. Reggio, 82, 199, 294. [W.]
? *Lepralia formosa*, Seguenza, loc. cit. 82. Plate viii. fig 12. and 199. Plate xiv. fig. 22. [W.]

1147*a*. M. DECORATA, var. DIADEMA, MacGillivray.
Microporella diadema, MacGill. Descr. new Pol. viii. 6.
——— MacGill. C. V. 23.
Lepralia diadema, MacGill. Descr. Aus. Pol. 1868. sep. 8.
——— McCoy, P. Z. V. decade iv. 30.
Microporella ceramia, MacGill.; Hincks, A. M. N. H. 5. vi. sep. 8.
Lepralia ceramia, MacGill. Descr. Aus. Pol. 1868. sep. 8.

1147*b*. M. DECORATA, var. ANGUSTIPORA, Hincks; Waters, Tert. Bry. N. Z. 54.
M. diadema, form *angustipora*, Hincks, A. M. N. H. 5. xv. 249.

1147*c*. M. DECORATA, var. LUNIPUNCTA, MacGillivray.
M. diadema, var. *lunipuncta*, MacGill. Descr. new Pol. viii. 6.
——— MacGill. Tr. Roy. Soc. Vic. 1884.
——— MacGill. C. V. 23.

1147*d*. M. DECORATA, var. LONGISPINA, MacGillivray.
M. diadema, var. *longispina*, MacGill. Descr. new Pol. viii. 7.
——— MacGill. Tr. Roy. Soc. Vic. 1884.
——— MacGill. C. V. 23.

1147*e*. M. DECORATA, var. LATA, MacGillivray; Waters, A. M. N. H. 5. xx. 188.
M. diadema, var. *lata*, MacGill. Descr. new Pol. viii. 7.
——— MacGill. Tr. Roy. Soc. Vic. xxi. 112.
——— MacGill. C. V. 23.
Lepralia lunata, MacGill. Notes on Pol. Vic. 1859. 166.
——— MacGill. Tr. Phil. Inst. Vic. iv.
——— McCoy, P. Z. V. decade iv. 27.

1147*f*. M. DECORATA, var. CANALICULATA, MacGillivray.
M. diadema, var. *canaliculata*, MacGill. Descr. new Pol. viii. 7.
——— MacGill. Tr. Roy. Soc. Vic. 1884.
——— MacGill. C. V. 23.
Lepralia canaliculata, MacGill. Tr. Phil. Inst. Vic. 1859. 98.
——— McCoy, P. Z. V. decade iv. 29.

1148. ? MICROPORELLA DECUSSATA, M. Edwards, non Busk.
Eschara decussata, M. Edw. Sur les Eschares, 40.
——— Lamk. An. s. V. ed. 1. ii. 175.
——— Lamk. An. s. V. ed. 2. ii. 267.
——— Lamx. Ency. méth. xiv. 374.
——— Blainv. D. S. N. xv. 297.
——— Blainv. M. d'A. 329.
——— d'Orbigny, P. F. T. C. 101.

1149. MICROPORELLA DISTOMA, Busk; Waters, 'Challenger,' lxxix. 23.
Lepralia distoma, Busk, Q. J. M. S. vi. 127.
Eschara distoma, Busk, Q. J. M. S. vii. 66.
Adeonella distoma, Busk, 'Challenger,' xxx. 188.

1149*a*. M. DISTOMA, var. IMPERFORATA, Busk, 'Challenger,' xxx. 188.
Eschara sulcata, Busk, 'Challenger,' Plate xx. fig. 4.

1150. MICROPORELLA FOLIACEA, MacGillivray.
Adeonellopsis foliacea, MacGill. Descr. new Pol. ix. 7.
——— MacGill. C. V. 24.

1151. MICROPORELLA FUEGENSIS, Busk; Hks. Jour. Lin. Soc. xxi. 131.
——— Hincks, A. M. N. H. 5. xiii. 360.
Eschara Fuegensis, Busk, B. M. C. ii. 90.
Adeonella Fuegensis, Busk, 'Challenger,' xxx. 180. mentioned.

1152. ? MICROPORELLA GLOBIFERA, Quoy et Gaimard.
Flustra globifera, Quoy et Gaim. Voy. Uranie, Plate lxxxix. fig. 9, 10.
——— Lamx. Ency. méth. xiv. 408.
Escharina globifera, M. Edw. in Lamk. An. s. V. ed. ii. 2. 234.
Cellepora globifera, d'Orbigny, P. F. T. C. 402.

1153. MICROPORELLA GRISEA, Lamx. form ADEONA, Waters, 'Aldinga,' 294.
Adeona grisea, Lamx. Expos. méth. 40.
——— Lamx. P. C. F. 481.
——— Lamx. Ency. méth. xiv. 11.
——— Kirchenpauer, 'Adeona,' 9.
——— Busk, 'Challenger,' xxx. Plate xxxiii. fig. 6.
——— MacGill. C. V. 24.
Dictyopora grisea, McCoy, P. Z. V. decade vii. 23.
Adeona cribriformis, Lamk. An. s. V. ed. 1. ii. 180. [Lamx.]
——— Blainv. M. d'A. 421.
Adeona cellulosa, MacGill. C. V. 24.
——— 'Kirchenpauer,' 'Adeona,' 10.
Dictyopora cellulosa, MacGillivray, Tr. Roy. Soc. Vic. 2. ix. 18.
——— MacGill. Descr. Aus. Pol. 1868. 14.
——— McCoy, P. Z. V. decade v. 37.
Microporella cellulosa, form *Adeona*, Waters, 'Muddy Creek,' 437.

1153*a*. M. GRISEA, var. OCHRACEA, Kirchenpauer.
Adeona cellulosa, var. *ochracea*, Kirchenpauer, 'Adeona,' 11.

1154. MICROPORELLA HECKELI, Reuss.
Cellepora Heckeli, Reuss, Wien. tert. 85. (1847.)
Reptoporellina Heckeli, d'Orbigny, P. F. T. C. 477.
Lepralia violacea, Johnston, B. Z. ed. 2. 325. (1849.)
——— Landsb. B. Z. 325.
——— Busk, B. M. C. ii. 69.
——— Busk, Crag Pol. 43.
——— Waters, A. M. N. H. 5. iii. 34.
——— Reuss, Bry. mioc. d'Aust. 23.
——— Manzoni, Bry. plioc. It. i. 21.
——— Manzoni, 'Rhodes,' 64.
——— Manzoni, 'Castrocaro,' 23.
——— Seguenza, Form. terz. Reggio, 82, 129, 295, 328, 369.
——— Heller, Bry. Adr. 1867. 103.
Microporella violacea, Hincks, B. M. P. 216.
——— Waters, 'Bairnsdale,' 508.
——— Pergens, 'Rhodes,' 21.
——— Pergens, Bry. Nord-ouest Méd. 8.
Escharella violacea, Gray, B. M. C. 125.

MICROPORELLA HECKELI, Reuss (*continued*)—
Porina violacea, Smitt, F. B. ii. 30.
——— Fischer, Bry. Sud-ouest France, 20.
Lepralia radiato-foveolata, Seguenza, Form. terz. Reggio, 129. [P.]
Lepralia diversipora, Reuss, 'Septarienthon.' 60. [H.]

1154*a*. M. HECKELI, var. *a*. Hincks.
M. violacea, var. *a*. Hincks, B. M. P. 216.

1154*b*. M. HECKELI, form PLAGIOPORA, Busk.
M. violacea, form *plagiopora*, Hincks, B. M. P. 217.
——— Hincks, A. M. N. H. 5. xiii. 359.
——— Hincks, Jour. Lin. Soc. xxi. 131.
Lepralia plagiopora, Busk, Crag Pol. 44.
——— Reuss, 'Septarienthon.' 60. [P.]
Porina plagiopora, Smitt, F. B. 230.
Porina violacea β. Fischer, Bry. Sud-ouest France, 20.

1154*c*. M. HECKELI, var. FISSA, Hincks.
M. violacea, var. *fissa*, Waters, 'Curdies Creek,' 329.
——— Waters, 'Gambier,' 267.
——— Waters, 'Muddy Creek,' 436.
——— Waters, 'Aldinga,' 295.
Microporella fissa, Hincks, A. M. N. H. 5. vi. 381. sep. 30.
Adeonella fissa, Busk, 'Challenger,' xxx. 180. mentioned.

1155. MICROPORELLA IMPRESSA, Audouin; Hks. B. M. P. 214.
——— Pergens, Bry. Nord-ouest Méd. 8.
Flustra impressa, Savigny, Zool. Egypt. Plate x. fig. 7.
——— Audouin, Expl. i. 240.
Lepralia granifera, Busk, B. M. C. ii. 83.
——— Busk, J. M. S. viii. 144.
——— Johnston, B. Z. ed. 2. 309.
——— Landsb. B. Z. 309.
——— Gray, B. M. C. 118.
——— Alder, T. T. F. C. sep. 52.
Porina granifera, Fischer, Bry. Sud-ouest France, 19.
Lepralia bimucronata, Moll, var. *granifera*, Waters, A. M. N. H. 5. iii. 34.
Reptoporina impressa, d'Orbigny, P. F. T. C. 443.

1155*a*. M. IMPRESSA, var. BIMUCRONATA, Moll; Hks. B. M. P. [214.
Eschara bimucronata, Moll, 'Eschara,' 65.
Cellepora bimucronata, Lamx. P. C. F. 93.
——— Lamx. Ency. méth. xiv. 184.
——— d'Orbigny, P. F. T. C. 400.

1155*b*. M. IMPRESSA, var. CORNUTA, Busk.; Hks. B. M. P. 214.
Lepralia granifera, var. *cornuta*, Busk, B. M. C. ii. 83.

1155*c*. M. IMPRESSA, var. GLABRA, Hincks, B. M. P. 214.

1155*d*. M. IMPRESSA,var. PYRIFORMIS, Busk; Hks. B.M.P. 214.
Lepralia pyriformis, Busk, Crag Pol. 51.
——— Seguenza, Form. terz. Reggio, 204.

1156. MICROPORELLA INSPERATA, Jullien, 'Travailleur,' 9.

1157. ? MICROPORELLA LAMINOSA, d'Orbigny.
Escharellina laminosa, d'Orbigny, P. F. T. C. 207.

1158. MICROPORELLA LICHENOIDES, M. Edwards.
Adeonella lichenoides, Busk, 'Challenger,' xxx. 180.
Eschara lichenoides, Lamk. An. s. V. ed. 1. 176.
——— Lamk. An. s. V. ed. 2. 268.
——— Lamx. Ency. méth. xiv. 375.
——— Blainv. M. d'A. 428.
——— Heller, Bry. Adr. 1867. 115.
——— M. Edwards, 'Les Eschares,' 31.
——— Cuvier, Règne An. ed. 2. iii. 316. [M. Ed.]
Eschara decussata, Busk, B. M. C. ii. 91. [B.]

1159. MICROPORELLA LUNIFERA, Haswell, Proc. Lin. Soc. of N.S.W. v. part i.

1160. MICROPORELLA MACROPORA, Stoliczka; Waters, 'Gambier,' 267.
——— Waters, Tert. Bry. N. Z. 54.
Lepralia macropora, Stoliczka, 'Latdorf,' 84.
Escharipora stellata, Smitt, F. B. 26.
——— MacGill. C. V. 23.
Microporella stellata, MacGill. Descr. new Pol. ii. 2.
——— MacGill. Tr. Roy. Soc. Vic. xix. 131.
Anarthropora monodon, Hincks, B. M. P. 233.
——— Hincks, A. M. N. H. Sep. 1877. 528.
——— Ridley, A. M. N. H. June 1881. 448.
Lepralia monodon, Busk, Q. J. M. S. viii. 213.
——— Norman, B. A. Rep. 1868. 308.
A. monodon, form *majuscula*, Smitt, K. S. B. 1867. 7.
——— form *minuscula*, (pars) Smitt, F. B. 31.

1161. MICROPORELLA MALUSII, Audouin; Hks. B. M. P. 211.
——— Waters, 'Muddy Creek,' 436.
——— Waters, Tert. Bry. N. Z. 54.
——— Busk, 'Challenger,' xxx. 137.
——— MacGill. C. V. 23.
Lepralia Malusii, Busk, Q. J. M. S. viii. 125.
——— Busk, B. M. C. ii. 83.
——— Busk, Crag Pol. 53.

MICROPORELLA MALUSII, Audouin (*continued*)—
Lepralia Malusii, Waters, A. M. N. H. 5. iii. 33.
——— Alder, T. T. F. C. 142. sep. 52.
——— Hincks, A. M. N. H. 3. ix. 204.
——— Manzoni, 'Castrocaro,' 26.
——— Manzoni, Supp. Bry. Med. 5.
——— Heller, Bry. Adr. 1867. 110. not Plate ii. fig. 3. [H.]
——— Hutton, N. Z. Cat. 192.
——— McCoy, P. Z. V. decade iv. 27.
——— Seguenza, Form. terz. Reggio, 295, 328, 370.
Lepralia biforis, Johnston, B. Z. ed. 2. 314.
——— Landsb. B. Z. 315.
Cellepora Malusii, Savigny, Zool. Egypt. Plate viii. fig. 8.
——— Audouin, Expl. i. 239.
Cellepora Macry, W. Thomp. A. M. N. H. x. 20.
Lepralia candida, MacGill. Descr. Aus. Pol. 1859. 98.
——— Hutton, Proc. Roy. Soc. Tasmania, 1877. 23.
Herentia biforis, Gray, B. M. C. i. 123.
Porina biforis, Fischer, Bry. Sud-ouest France, 19.
Porina Malusii, Smitt, K. S. B. 1867. 5.
Reptoporina Malusii, d'Orbigny, P. F. T. C. 443.
Escharina cornuta, d'Orbigny, Voy. Am. 13.
Reptoporina cornuta, d'Orbigny, P. F. T. C. 443.
Reptoporina hexagona, d'Orbigny, P. F. T. C. 444.
? *Lepralia coronata*, Seguenza, Form. terz. Reggio, 295, 370. [W.]
Fenestrulina Malusii, Jullien, 'Cap Horn,' 38.
? *Cellepora Macry*, Chiaje, An. s. V. iii. Plate clviii. fig. 9, 10.
? ——— d'Orbigny, P. F. T. C. 400.

1161*a*. M. MALUSII, var. THYREOPHORA, Busk; Hks. B. M. P. [212.
——— MacGill. C. V. 23.
Lepralia thyreophora, Busk, Q. J. M. S. v. 172.

1161*b*. M. MALUSII, var. VITREA, Hincks, B. M. P. 212.

1161*c*. M. MALUSII, var. DISJUNCTA, Hincks, A. M. N. H. 5. xv. 249.

1161*d*. M. MALUSII, var. PERSONATA, MacGill. Descr. new Pol. July 1882. 2.

1161*e*. M. MALUSII, var. UMBONATA, MacGill. C. V. 23.

1162. MICROPORELLA MARSUPIATA, Busk.
Lepralia marsupiata, Busk, Q. J. M. S. viii. 284.

1163. ? MICROPORELLA NIDULATA, Quoy et Gaimard.
Flustra nidulata, Quoy et Gaim. Voy. Uranie, Plate xcv. fig. 4, 5.
——— Lamx. Ency. méth. xiv. 414.
Escharina nidulata, M. Edw. in Lamx. An. s. V. ed. 2. ii. 236.
Cellepora nidulata, d'Orbigny, P. F. T. C. 403.

1164. MICROPORELLA PELLUCIDA, HUTTON, N. Z. Cat. 192.
——— Hutton, C. M. M. 97.

1165. ? MICROPORELLA POROSA, D'ORBIGNY.
Reptoporellina porosa, d'Orbigny, P. F. T. C. 477.

1166. MICROPORELLA PULCHELLA, QUOY et GAIMARD.
Flustra pulchella, Quoy et Gaim. Voy. Uranie, Pl. xcii. fig. 5, 6.
——— Lamx. Ency. méth. xiv. 414.
Escharina pulchella, M. Edw. in Lamk. An. s. V. ed. 2. ii. 234.
Cellepora pulchella, d'Orbigny, P. F. T. C. 403.

1167. ? MICROPORELLA RAMOSA, D'ORBIGNY.
Escharellina ramosa, d'Orbigny, P. F. T. C. 207.

1168. ? MICROPORELLA REGULARIS, D'ORBIGNY.
Escharina regularis, d'Orbigny, Voy. Am. 15.
Reptescharellina regularis, d'Orbigny, P. F. T. C. 453.

1169. MICROPORELLA RENIPUNCTA, MACGILLIVRAY, Descr. new Pol. 1882. 1.
——— MacGill. C. V. 23.

1170. MICROPORELLA SCANDENS, MACGILLIVRAY, Descr. new Pol. viii. 6.
——— MacGill. Tr. Roy. Soc. Vic. 1884.
——— MacGill. C. V. 23.
Alysidota ciliata, MacGill. Descr. Aus. Pol. 1868. 5.

1171. MICROPORELLA SERRULATA, SMITT; Hks. A.M.N.H. 5. vi. sep. 8.
Porina serrulata, Smitt, F. B. ii. 27.

1172. MICROPORELLA STELLATA, VERRILL; Hks. A.M.N.H. 5. vi. sep. 8.
Porellina stellata, Verrill, Am. Jour. Sci. Art. 3. xviii. 54.
——— Verrill, Cont. Zool. Mus. Yale Coll. No. xliii.
——— Verrill, Proc. U.S. Nat. Mus. 190.

1173. MICROPORELLA SUBSULCATA, SMITT; Hks. A.M.N.H. 5. vi. sep. 8.
Porina subsulcata, Smitt, F. B. ii. 28.

1174. MICROPORELLA SULCATA, QUOY et GAIMARD.
Flustra sulcata, Quoy et Gaim. Voy. Uranie, Plate xcii. fig. 3, 4.
Cellepora sulcata, d'Orbigny, P. F. T. C. 402.
Escharina sulcata, M. Edw. in Lamk. An. s. V. ed. 2. ii. 234.
Flustra sulculata, Lamx. Ency. méth. xiv. 408.

1175. MICROPORELLA TATEI, HUTTON.
Lepralia Tatei, Hutton, Proc. Roy. Soc. Tasmania, 1877.

1176. MICROPORELLA TETRASTOMA, Rss.; Waters, A.M.N.H. 5. xx. 189.
Eschara tetrastoma, Reuss, Sitz. Ak. Wien. 1864. l. 9.
Flustrella clavata, Stoliczka, 'Orakei Bay,' 139. [W.]
Microporella clavata, Waters, 'Curdies Creek,' 332.
Adeonellopsis parvipuncta, MacGill. Tr. Roy. Soc. Vic. 1885. [W.]
——— MacGill. Descr. new Pol. ix. 8.
——— MacGill. C. V. 24.

1177. MICROPORELLA YARRAENSIS, Waters, 'Curdies Creek,'
——— Waters, 'Bairnsdale,' 508. [331.
——— Waters, 'Gambier,' 267.
——— Waters, 'Muddy Creek,' 436.
Eschara lichenoides, Busk, non M. Edw. B. M. C. 90.
? *Eschara lichenoides*, Hutton, N. Z. Cat. 194.
Adeonella tuberculata, Busk, 'Challenger,' xxx. 180.

1178. MIMOSELLA GRACILIS, Hincks, B. M. P. 556.
——— Hincks, A. M. N. H. 2. viii. 359.
——— Hincks, A. M. N. H. 3. ix. 472. sep. 58.
——— Landsb. B. Z. 376.
——— Heller, Bry. Adr. 1867. 128.
Valkeria cuscuta, Couch, Corn. Faun. iii. 96. [H.]
——— Johnston, B. Z. ed. 1. 252.
Cuscutaria cruciata, Meneghini, in lit. Mus. Terg. [Hr.]
Cuscutaria oppositiramea, Meneghini, in lit. Mus. Terg. [Hr.]

1179. MONASTESIA PERTENUIS, Jullien, 'Cap Horn,' 16.

1180. MONOPORELLA ALBICANS, Hincks. A. M. N. H. 5. ix. [sep. 86.
Cellepora albicans, Waters, 'Bairnsdale,' 512.
——— Waters, 'Muddy Creek,' 440.

1181. MONOPORELLA BRUNNEA, Hincks, A. M. N. H. 5. xi.
——— Hincks, P. Q. C. I. 16.

1182. MONOPORELLA? CAPENSIS, Busk; Waters, 'Challenger,' lxxix. 10.
——— Waters, Tert. Bry. N. Z. 49.
Vincularia capense, Busk, 'Challenger,' Plate xxiii. fig. 3.
Amphiblestrum capense, Busk, 'Challenger,' xxx. 67.

1183. MONOPORELLA CRASSATINA, Waters. recent in my own collection.
——— Waters, 'Gambier,' 270.
——— Waters, 'Muddy Creek,' 435.
——— Waters, 'Aldinga,' 291.
——— Waters, Tert. Bry. N. Z. 49.
Lepralia grandis, Hutton, N. Z. Cat. 193.
——— Hutton, C. M. M. 98.

1184. MONOPORELLA DISJUNCTA, Manzoni ; Waters, Tert. Bry. N. Z. 50.
Lepralia disjuncta, Manzoni, Bry. plioc. It. i. 5.
——— Manzoni, Denk. Ak. Wiss. Wien. lix.
——— Manzoni, 'Castrocaro,' 26.
? *Lepralia Auingeri*, Reuss, Bry. mioc. d'Aust. 166. [W.]
? *Lepralia urceolata*, Hutton, N. Z. Cat. 192. [W.]
? ——— Hutton, C. M. M. 97.

1185. MONOPORELLA NODULIFERA, Hincks, A. M. N. H. 5. viii. 59.
——— Hincks, Lit. Phil. Soc. Liverpool, 1881.

MUCRONELLA. On this genus, see the remarks of Mr. Waters in the Annals and Mag. Nat. Hist. 6. iv. 14.

1186. MUCRONELLA ABYSSICOLA, Norman ; Hks. B.M.P. 369.
——— Lorenz, 'Jan Mayen,' sep. 11.
Lepralia abyssicola, Norman, B. A. Rep. 1868. 307.

1187. MUCRONELLA ALVAREZIANA, d'Orb. ; Waters, Tert. Bry. N. Z. 57.
Escharina alvareziana, d'Orbigny, Voy. Am. 14.
Reptescharellina alvareziana, d'Orbigny, P. F. T. C. 453.
Mucronella alvarezi, Jullien, Bull. Soc. Zool. France, May 1881.
Lepralia alata, Busk, B. M. C. ii. 71. [W.] [sep. 5.

1188. MUCRONELLA AVICULARIS, MacGillivray, Descr. new Pol. x. 2.
——— MacGill. Tr. Roy. Soc. Vic. 1886.
——— MacGill. C. V. 28.

1189. ? MUCRONELLA BECQUENDI, Savigny.
Flustra Becquendi, Savigny, Zool. Egypt. Plate ix. fig. 13.

1190. MUCRONELLA BIINCISA, Waters.
Smittia biincisa, Waters, 'Gambier,' 272.

1190*a*. M. BIINCISA, var. BICUSPIS, Hincks.
Smittia biincisa, var. *bicuspis*, Hks.; Waters, Tert. Bry. N.Z. 58.
Mucronella bicuspis, Hincks, A. M. N. H. 5. xi. 110.

1191. MUCRONELLA BISINUATA, Smitt ; Busk, 'Challenger,' xxx. 157.
Escharella bisinuata, Smitt, F. B. ii. 57.
Hemeschara bisinuata, Busk, 'Challenger,' Plate xix. fig. 5.

1192. ? MUCRONELLA BORLZACI, Savigny.
Flustra Borlzaci, Savigny, Zool. Egypt. Plate ix. fig. 8.
——— Audouin, Expl. 28.
Cellepora Balzaci, d'Orbigny, P. F. T. C. 401.

1193. MUCRONELLA CANALIFERA, Bk. 'Challenger,' xxx. 159.
Lepralia canalifera, Busk, 'Challenger,' Plate xxii. fig. 2.
Mucronella canalifera, Waters, 'Challenger,' lxxix. 24.
Lepralia mangnevilla, Busk non Aud. Q. J. M. S. viii. 284. [B.]

1194. MUCRONELLA CASTANEA, Busk, 'Challenger,' xxx. 157.
Hemeschara castanea, Busk, 'Challenger,' Plate xix. fig. 6.

1195. MUCRONELLA COCCINEA, Abild.; Hks. B. M. B. 371.
——— Waters, 'Gambier,' 266.
——— Pergens, 'Tasmajdan,' sep. 10.
——— Pergens, Bry. env. Brest, 10.
——— Levinsen, 'Kara-Havet,' 19.
Cellepora coccinea, Abild.; Müller, Zool. Dan. iv. 30. [H.]
——— Lamk. An. s. V. ed. 2. ii. 259.
——— d'Orbigny, P. F. T. C. 399.
——— Lamx. P. C. F. 92.
——— Lamx. Ency. méth. xiv. 183.
Berenicea coccinea, Fleming, B. A. 533.
——— Blainv. M. d'A. 445.
——— Johnston, Edinb. Phil. Jour. xiii. 222.
Lepralia coccinea, Johnston, B. Z. ed. 2. 322.
——— Landsb. B. Z. 323.
——— Hassall, A. M. N. H. vii. 367.
——— Brady, A. M. N. H. 3. vii. 70.
——— W. Thompson, A. M. N. H. v. 253.
——— Hincks, A. M. N. H. ix. 202.
——— Couch, Corn. Faun. iii. 115.
——— Waters, A. M. N. H. 5. iii. 40.
——— Waters, 'Bruccoli,' 6.
——— Manzoni, 'Castrocaro,' 16.
——— Reuss, Bry. mioc. d'Aust. 155. (15.)
——— Seguenza, Form. terz. Reggio, 81, 199, 294, 328, 368.
——— Gottardi, Bry. foss. Mont. Magg. 302.
——— Kirchenpauer, 'Pomerania,' 187.
——— Heller, Bry. Adr. 1867. 106.
——— Sars, N. Mag. Nat. vii. 379.
——— Alder, T. T. F. C. sep. 50.
——— Busk, B. M. C. ii. 70.
Escharina coccinea, Gray, B. M. C. i. 124.
Discopora coccinea, Smitt, Bry. mar. bor. arct. 457.
——— Fischer, Bry. Sud-ouest France, 24.
Lepralia tridendata, Couch, Corn. Faun. iii. 115.
Lepralia appensa, Hassall, A. M. N. H. vii. 367.
——— Hassall, A. M. N. H. ix. 408.
Discopora appensa, Smitt, K. S. B. 1867. 27.
——— Hass. non *Cellepora appensa*, Ab.; Fischer, Bry. Sud-ouest France, 24.

MUCRONELLA COCCINEA, Abild. (*continued*)—
Lepralia Ballii, Johnston, B. Z. ed. 2. 321.
——— Landsb. B. Z. 323.
Escharina Ballii, Gray, B. M. C. i. 124.
? *Lepralia quadricornuta*, Dawson, Canad. Nat. 1857
Cellepora pteropora, Reuss, Wien. tert. 81.
——— Reuss, 'Crosaro,' 45.
Distanseschar ellina pteropora, d'Orbigny, P. F. T. C. 451. [H.]
Lepralia pteropora, Manzoni, Bri. plioc. It. iii. 4.
——— Gottardi, Bry. foss. Mont. Magg. 302.
Lepralia peregrina, Manzoni, Bri. plioc. It. iii. 16.
? *Lepralia fulgurans*, Manzoni, 'Castrocaro,' 16.
? ——— Manzoni, Bri. plioc. It. ii. 7.
? ——— Seguenza, Form. terz. Reggio, 200.
Lepralia resupinata, Manzoni, 'Castrocaro,' 20. [W.]
——— Waters, 'Bruccoli,' 474.
——— Seguenza, Form. terz. Reggio, 81, 201.

1195*a*. M. COCCINEA, var. MAMILLATA, S. Wood; Hks. B. M. P. 372.
——— Waters, 'Aldinga,' 294.
——— Pergens, Bull. Soc. R. M. Belg. xxii. sep. 5.
Cellepora mamillata, S. Wood, A. M. N. H. xiii. 19.
——— J. Morris, Cat. Brit. Foss. 120. [B.]
Lepralia mamillata, Busk, Crag Pol. 46.
——— Manzoni, Bri. plioc. It. ii. 6.
Cellepora tridentata, Desm. et Lesu. Plate ii. fig. 4. [P.]

1196. MUCRONELLA CONTORTA, Busk, 'Challenger,' xxx. 155.
Eschara contorta, Busk, 'Challenger,' Plate xx. fig. 9.
——— Busk, B. M. C. ii. 89.
Mucronella contorta, Waters, 'Challenger,' lxxix. 24.

1197. MUCRONELLA COTHURNICA, Kirkpatrick, A.M.N.H. 6. i. 81.

1198. MUCRONELLA DELICATULA, Busk, 'Challenger,' xxx. 156.
Hemeschara delicatula, Busk, 'Challenger,' Plate xviii. fig. 2.

1199. MUCRONELLA DIAPHANA, MacGillivray, C. V. 27.
Lepralia diaphana, McCoy, P. Z. V. decade iv. 22.

1199*a*. M. DIAPHANA, form ARMATA, Hincks, A. M. N. H. 5. x. sep. 98.

1200. MUCRONELLA ELLERII, MacGillivray, C. V. 27.
Lepralia Ellerii, MacGill. Descr. Aus. Pol. 1868. 10.
——— McCoy, P. Z. V. decade iv. 31.

1200*a*. M. ELLERII, var. BIAVICULATA, WATERS, A. M. N. H. 5. xx. 194.

Mr. Waters suggests making this species the type, and ranking as varieties the *M. porosa*, Hincks, and *M. vultur*, Hincks.

1201. MUCRONELLA EXCAVATA, MACGILLIVRAY, C. V. 27.
Lepralia excavata, MacGill. Tr. Roy. Soc. Vic. 1859. 159.
——— McCoy, P. Z. V. decade iv. 32.

This is probably a variety of *M. coccinea*.—MACGILLIVRAY.

1202. MUCRONELLA LABIATA, BOECK; Levinsen, 'Kara-Havet,' sep. 19.
Lepralia labiata, Boeck, m.s.
Discopora coccinea, form *labiata*, Smitt, K. S. B. 1867. 27.

1203. ? MUCRONELLA LAPLACII, AUDOUIN.
Flustra Laplacii, Savigny, Zool. Egypt. Plate x. fig. 4.

1204. MUCRONELLA LÆVIS, MACGILLIVRAY, Descr. new Pol. ii. 7.
——— MacGill. Tr. Roy. Soc. Vic. 1882.
——— MacGill. C. V. 27.
——— McCoy, P. Z. V. decade xii. 64.

1205. MUCRONELLA LAQUEATA, NORMAN; Hks. B. M. P. 368.
——— Vigelius, 'Wm. Barents,' 15.
Lepralia laqueata, Norman, A. M. N. H. 1864. 85.
Discopora coccinea, form *ovalis*, Smitt, K. S. B. 1867. 27. [H.]
Lepralia cheilostoma, Boeck, Forh. V. S. Christiania, 1861. 50. [S.]

1206. MUCRONELLA LONGICOLLIS, JULLIEN, 'Travailleur,' 20.

1207. MUCRONELLA LONGIROSTRIS, JULLIEN.
Exochella longirostris, Jullien, 'Cap Horn,' 55.

1208. MUCRONELLA MAGNIFICA, BUSK, 'Challenger,' xxx. 158.
Hemeschara magnifica, Busk, 'Challenger,' Plate xviii. fig. 3.

1209. MUCRONELLA MICROSTOMA, NORMAN; Hks. B. M. P. 370.
? ——— Waters, 'Gambier,' 265.
Lepralia microstoma, Norman, A. M. N. H. 3. xiii. 87.
——— Norman, B. A. Rep. 1868. 307.

1210. ? MUCRONELLA NOUCTII, AUDOUIN.
Flustra Nouctii, Savigny, Zool. Egypt. Plate ix. fig. 10.
——— Audouin, Expl. 68.
Cellepora Nouctii, d'Orbigny, P. F. T. C. 402.

1211. MUCRONELLA PAVONELLA, ALDER; Hks. B. M. P. 376.
——— Lorenz, 'Jan Mayen,' sep. 11.
——— Levinsen, 'Kara-Havet,' sep. 19.

MUCRONELLA PAVONELLA, ALDER (*continued*)—
Eschara pavonella, Alder, Q. J. M. S. n.s. iv. 106. sep. 12.
Discopora pavonella, Smitt, K. S. B. 1867. 28.
Eschara cribraria, Busk, Q. J. M. S. iv. 311.

1212. MUCRONELLA PEACHII, JOHNSTON; Hks. B. M. P. 360.
——— Waters, Tert. Bry. N. Z. 56.
——— Lorenz, 'Jan Mayen,' sep. 10.
——— Pergens, Bry. Nord-ouest Méd. 8.
——— Pergens, Bry. env. Brest, 10.
Lepralia Peachii, Johnston, B. Z. ed. 2. 315.
——— Landsb. B. Z. 315.
——— Gray, B. M. C. i. 118.
——— Busk, B. M. C. ii. 77.
——— Busk, Crag Pol. 48.
——— Alder, T. T. F. C. sep. 51.
——— Hincks, A. M. N. H. 3. ix. 203.
——— Heller, Bry. Adr. 1867. 108.
——— Kirchenpauer, Cat. E. Grönl. 421.
——— Seguenza, Form. terz. Reggio, 329, 370.
Discopora coccinea, form *Peachii*, Smitt, K. S. B. 1867. 26.
——— Winther, Bry. Danmark, sep. 30.
Lepralia immersa, W. Thompson, A. M. N. H. v. 253.
——— Johnston, B. Z. ed. 1. 280.
——— Johnston, B. Z. ed. 2. 325.
——— Landsb. B. Z. 325.
——— Couch, Zooph. Cornw. 51.
——— Couch, Corn. Faun. iii. 118.
Berenicea immersa, Fleming, B. A. 533.
——— Blainv. M. d'A. 445.
Escharella immersa, Gray, B. M. C. i. 125.
Berenicea flava, Johnston, Trans. N. H. Soc. Newc. ii. 268. [J.]
? *Discopora emucronata*, Smitt, K. S. B. 1871. 1129.
? *Discopora coccinea*, Verrill, R. I. V. S. 420.

1212*a*. M. PEACHII, var. LABIOSA, BUSK; Hks. B. M. P. 361.
Lepralia Peachii, var. *labiosa*, Busk, Q. J. M. S. iv. 309.

1212*b*. M. PEACHII, var. OCTODENTATA, HINCKS, B. M. P. 361.
——— Waters, Tert. Bry. N. Z. 56.
Mucronella spinosissima, A. M. N. H. 5. viii. sep. 65. [W.]
——— Hincks, A. M. N. H. 5. xiii. 53.
——— Hincks, A. M. N. H. 5. xiii. 213.
——— Hincks, P. Q. C. I. 42.
——— Hincks, Lit. Phil. Soc. Liverpool. April 1881.
——— MacGill. C. V. 28.

M. PEACHII, var. OCTODENTATA, HINCKS (*continued*)—
M. spinosissima, form *major*, Hincks, A. M. N. H. 5. xiii.
——— Hincks, P. Q. C. I. 27.
? *M. ventricosa*, var. *multispinata*, Busk, 'Challenger,' xxx. 160.
Lepralia multispinata, Busk, Q. J. M. S. n.s. i. 78. [W.]
? *Mucronella lævis*, MacGill. Tr. Roy. Soc. Vic. xix. 136. [W.]
——— McCoy, P. Z. V. decade xii. 64.

1213. MUCRONELLA PORELLIFORMIS, KIRKPATRICK, A. M. N. H. 6. i. 81.

1214. MUCRONELLA POROSA, HINCKS, A.M.N.H. 5. viii. sep. 65.
——— Hincks, Lit. Phil. Soc. Liverpool. April 1881.
——— Waters, 'Bairnsdale,' 512.

1215. MUCRONELLA PRÆLONGA, HINCKS, A.M.N.H. 5. x. 255.
——— Hincks, A. M. N. H. 5. xiii.
——— Hincks, P. Q. C. I. 27.

1216. MUCRONELLA PRÆLUCIDA, HINCKS, A.M.N.H. 5. x. 255.
——— Hincks, A. M. N. H. 5. xiii.
——— Hincks, P. Q. C. I. 26.
——— Hincks, A. M. N. H. 6. i. 225.

1217. MUCRONELLA PRÆSTANS, HINCKS, A. M. N. H. 5. x. sep. 99. (1882.)
——— Waters, Tert. Bry. N. Z. 56.
Smittia præstans, Waters, A. M. N. H. 6. iv. 17.
Mucronella duplicata, Waters, 'Curdies Creek,' 328. (1881.)
——— Waters, 'Gambier,' 266.
Lepralia angela, Hutton, N. Z. Cat. 191.

It is with great reluctance that I place this as '*præstans*,' for priority belongs to the fossil form described by Mr. Waters, but he seems to have waived his right, in consequence of a fuller description having been given from a recent specimen by Mr. Hincks.

1218. MUCRONELLA QUADRATA, BUSK, 'Challenger,' xxx. 156.
Hemeschara monoceros, Busk, 'Challenger,' Plate xvii. fig. 8.
Hemeschara quadrata, Busk, 'Challenger,' Plate xviii. fig. 5.

1219. MUCRONELLA ROSTRIGERA, BUSK, 'Challenger,' xxx. 156.
Hemeschara mucronata, Busk, 'Challenger,' Plate xix. fig. 2.

1220. MUCRONELLA ROTUNDATA, HINCKS, A. M. N. H. 5. x. sep. 99.

1221. MUCRONELLA SERRATULA, MACGILLIVRAY, Descr. new Pol. ii. 8.

1222. MUCRONELLA SIMPLEX, HINCKS, A. M. N. H. 5. vi. 280.
——— Vigelius, 'Wm. Barents,' 15.

1223. MUCRONELLA SIMPLICISSIMA, Busk, 'Challenger,' xxx. 160.

1224. ? MUCRONELLA SPICEA, Hutton.
Lepralia spicea, Hutton, Proc. Roy. Soc. Tasmania, 1877. 23.

1225. MUCRONELLA SPINULIFERA, Hincks, A. M. N. H. 6. iii. 431.

1226. MUCRONELLA STENOSTOMA, Smitt.
Discopora stenostoma, Smitt, K. S. B. 1871. 1130.

1227. MUCRONELLA TERES, Hincks, A. M. N. H. 5. viii. sep. 65.
——— Hincks, Lit. Phil. Soc. Liverpool. April 1881. 18.

1228. ? MUCRONELLA THENARDII, Audouin.
Flustra Thenardii, Savigny, Zool. Egypt. Plate x. fig. 3.

1229. MUCRONELLA TRICUSPIS, Hincks, A. M. N. H. 5. viii. sep. 66.
——— Hincks, Lit. Phil. Soc. Liverpool. April 1881. 18.
——— Busk, 'Challenger,' xxx. 159.
——— Waters, Tert. Bry. N. Z. 57.
——— McCoy, P. Z. V. decade xii. 63.
——— MacGill. C. V. 27.
Lepralia coccinea, Busk, 'Challenger,' Plate xxii. fig. 3.

1229*a*. M. TRICUSPIS, var. MUNITA, MacGillivray, C. V. 27.
Mucronella munita, MacGill. Descr. new Pol. ii. 7.

1230. MUCRONELLA TURGENEWI, Ostroumoff.
Discopora Turgenewi, Ostroumoff, Trud. obsch. est. xvi. 28.

1231. MUCRONELLA VARIOLOSA, Johnston; Hks. B. M. P. 366.
——— Levinsen, 'Kara-Havet,' sep. 19.
Lepralia variolosa, Johnston, B. Z. ed. 1. 278.
——— Johnston, B. Z. ed. 2. 317. Plate lv. fig. 9. ? fig. 8. [H.]
——— Landsb. B. Z. 317.
——— Thompson, A. M. N. H. v. 253.
——— Hassall, A. M. N. H. vii. 367.
——— Couch, Zooph. Cornw. 50.
——— Couch, Corn. Faun. iii. 116.
——— Alder, T. T. F. C. 140. sep. 50.
——— Busk, B. M. C. ii. 75. Plate lxxv.
——— Busk, Crag Pol. 48. Plate iv. fig. 4. ? fig. 8. [H.]
——— Hutton, N. Z. Cat. 191.
——— β. Johnston, B. Z. ed. 2. 317. Plate lv. fig. 9.
——— β. Busk, B. M. C. ii. 76.
——— Seguenza, Form. terz. Reggio, 203.

MUCRONELLA VARIOLOSA, JOHNSTON (*continued*)—
Lepralia ovalis, Hassall, A. M. N. H. ix. 413.
——— Johnston, B. Z. ed. 2. 307.
———— Landsb. B. Z. 308.
———— Gray, B. M. C. i. 118.
Escharella variolosa, Gray, B. M. C. i. 125.
Discopora variolosa, Fischer, Bry. Sud-ouest France, 25.
Discopora coccinea, form *ovalis*, Hassall; Winther, Bry. Danmark, sep. 31.
———— Smitt, K. S. B. 1867. 27.
Lepralia serrulata, Reuss, Bri. mioc. d'Aust. 27. [H.]
———— Seguenza, Form. terz. Reggio, 83, 203.
Cellepora serrulata, Reuss, Wien. tert. 81.
———— d'Orbigny, P. F. T. C. v. 398.
Lepralia tenera, Reuss, Bri. mioc. d'Aust. 27. [H.]
———— Seguenza, Form. terz. Reggio, 329.

Reuss places his *Cellepora crassilabris* of the Wien. tert. as a synonym to his *Lepralia serrulata* in the Bri. mioc. d'Aust. If this is correct d'Orbigny's *Reptoporina crassilabris*, P. F. T. C. 442, must be added.

1232. MUCRONELLA VENTRICOSA, HASSALL; Hks. B.M.P. 363.
———— Lorenz, 'Jan Mayen,' sep. 10.
Lepralia ventricosa, Hassall, A. M. N. H. ix. 412.
——— Hincks, A. M. N. H. 3. ix. 203.
——— Johnston, B. Z. ed. 2. 305.
——— Gray, B. M. C. i. 118.
———— Alder, T. T. F. C. sep. 51.
———— Busk, B. M. C. ii. 78.
———— Busk, Crag Pol. 49.
——— Seguenza, Form. terz. Reggio, 203, 329, 370.
———— Landsb. B. Z. 306.
———— Manzoni, Supp. Bry. Med. 7.
Non ———— Hutton, N. Z. Cat. 191.
Discopora ventricosa, Fischer, Bry. Sud-ouest France, 25.
Discopora coccinea, form *ventricosa*, Smitt, K. S. B. 1867. 26.
———— Winther, Bry. Danmark, sep. 31.
Lepralia arrecta, Reuss, Bri. mioc. d'Aust. 24. [H.]
——— Pergens, 'Tasmajdan,' sep. 9.
———— Waters, 'Bruccoli,' 7.
? ———— Seguenza, Form. terz. Reggio, 83.
Cellepora arrecta, Reuss, Wien. tert. 81.
———— d'Orbigny, P. F. T. C. 398.

1232*a*. M. VENTRICOSA, var. CONNECTENS, RIDLEY, A.M.N.H. 451.

1232*b*. M. VENTRICOSA, var. WATERS, A. M. N. H. 5. iii. 42.

1233. MUCRONELLA VULTUR, Hincks, A.M.N.H. 5. x. sep. 98.
——— McCoy, P. Z. V. decade xii. 65.
——— MacGill. C. V. 27.

1234. MUMIELLA, genus only, Jullien, Bull. Zool. France, xi. sep. 5.

1235. MURINOPSIA, genus only, Jullien, Bull. Zool. France, xi. sep. 8.

1236. MYRIOZOUM COARCTATUM, Sars; Smitt, K. S. B. 1867. 18.
——— Busk, Jour. Linn. Soc. xv. 235.
——— Hincks, A. M. N. H. 4. xix. 106.
——— Lorenz, 'Jan Mayen,' sep. 6.
Leieschara coarctata, Sars, Beskr. N. Pol. F. V. 1862. 155. sep. 17.
Cellepora coarctata, Sars, N. Mag. Nat. vi. 148. sep. 28.
Millepora coarctatum, Stroem, Sund. Beskr. i. 142. [S.]
——— Stroem, Act. Haun. x. 258. [S.]
Millepora truncata, (pars) Pallas, Elenchus, 249.
——— Fabr. m.s.
——— Linn. Syst. Nat. ed. Gmel. 3783. [S.]
——— Müller, Prodr. 3043. [S.]
——— (pars) Lamx. Expos. méth. 47.

1236*a*. M. COARCTATUM, form SUBGRACILE, d'Orbigny ; Bk. J. Lin. Soc. xv. 235.
Myriozoum subgracile, Hincks, A. M. N. H. 4. xix. 106.
——— d'Orbigny, P. F. T. C. 662.
——— Packard, List Labrador M. A. 11. [S.]
——— Smitt, K. S. B. 1867. 18.
——— Packard, Inv. Faun. Labr. i. 2. 276.
——— Ridley, A. M. N. H. 448.
——— Packard, Canad. Nat. viii. 411.
Millepora truncata, Fabr. Faun. Grönl. 432. [S.]
——— Fabr. m.s. ii. No. 346. [S.]

1237. MYRIOZOUM CRUSTACEUM, Smitt, K. S. B. 1867. 18.
——— Ridley, A. M. N. H. 448.
——— Whiteaves, 'St. Lawrence,' 11.
Schizoporella crustacea, Lorenz, 'Jan Mayen,' sep. 5.
Leieschara crustacea, Levinsen, 'Kara-Havet,' sep. 13.
? *Eschara incisa*, M. Edw. Ann. Sci. Nat. 2. vi. 325. sep. 5. [S.]
——— Michelin, Icon. Zooph. 328. [S.]
——— S. Wood, A. M. N. H. xiii. 16. [S.]
——— d'Orbigny, P. F. T. C. 344. [S.]
——— Busk, Crag Pol. 65. [S.]

1238. MYRIOZOUM MARIONENSE, Busk, 'Challenger,' xxx. 171.
——— Waters, 'Challenger,' lxxix. 30.

1239. MYRIOZOUM OVUM, Smitt, F. B. ii. 49.

1240. MYRIOZOUM TRUNCATUM, Pallas ; Waters, A.M.N.H. [5. iii. 201.
——— Heller, Bry. Adr. 1867. 126.
——— d'Orbigny, P. F. T. C. 662.
——— Pergens, Bry. Nord-ouest Méd. 8.
——— Pergens, 'Tasmajdan,' sep. 10.
Myriozoon truncatum, Waters, 'Bruccoli,' 15.
——— Ehrenberg, Korallenthiere, 60.
——— Grube, 'die Inseln Lussin,' 68.
——— Manzoni, 'Castrocaro,' 4.
——— Seguenza, Form. terz. Reggio, 79, 197, 294, 327, 367.
Millepora truncata, Risso, Eur. Mérid. 347.
——— Linn. Syst. Nat. ed. 12. 1283.
——— Linn. Syst. Nat. ed. Gmel. 3783.
——— Phil. Tert. nord. Deutsch. 35.
——— Cavolini, Pol. mar. 59.
——— Solander, Zooph. 141.
——— Ellis, Phil. Trans. lvii. 408.
——— Pallas, Elenchus, 249.
——— Müller, Prodr. 3043.
——— Lamk. An. s. V. ed. 1. ii. 202.
——— Ehrenberg, Cor. Roth. Meer. 350.
——— Michelotti, Spec. Zoo. diluv. 215.
——— Lamx. Expos. méth. 47.
——— Lamx. Ency. méth. xiv. 546.
Myriopora truncata, Michelin, Icon. Zooph. 69.
Myriapora truncata, Blainv. M. d'A. 427.
Myriozoo, Donati, Nat. Mar. Adr. 55. (Eng. ed. 57.)
Myriozoos avec la tige, Donati, Nat. Mar. Adr. ed. 1758. 52.
Myriozoon, or *Pseudo-corallium*, Donati, Phil. Trans. xlvii. 107.
Madrepora piscatoribus, Marsigli, Hist. mer. 145.
Madrepores rameux, Marsigli, Hist. Phys. mer. 145.
Zellen Millepore, Pallas-Wilkins Charac. i. 319.
Truncated Millepore, Solander, Zooph. 141.
Ruw bastaard pijp coraal, Pallas-Boddaert, &c. 311.
Poro ramoso, Imperato, 716.
Planta hirsuta, forma coralli, Besler, Mus. Lochn. Plate xxiii.
Heteropora punctata, Römer, Nord. tert. Pol. 229.
Eschara spongiosa, Römer, Nord. tert. Pol. 205.
Vaginopora polystigma, Reuss, Wien. tert. 73. [W.]
Myriozoum longævum, Römer, Nord. tert. Pol. 224.
Myriozoum punctatum, d'Orbigny, P. F. T. C. 662.
——— Reuss, 'Oberoligocän,' 663. sep. 50.
——— Reuss, 'Septarienthon.' 190.
——— Manzoni, Bri. mioc. d'Aust. 22.
Millepora punctata, Phil. Tert. nord. Deutsch. 67.
Ceriopora subpunctata, d'Orbigny, P. F. T. C. 662.

1241. NOLELLA STIPATA, Gosse, Mar. Zool. ii. 21.
——— Hincks, B. M. P. 540.

1242. NOTAMIA BURSARIA, Linn.; Hincks, B. M. P. 100.
——— Fleming, B. A. 541.
——— Gosse, Mar. Zool. ii. 14.
——— Busk, J. M. S. ii. 110.
——— Busk, B. M. C. i. 36.
Sertularia bursaria, Linn. Faun. Suec. ii. 2252.
——— Linn. Syst. Nat. ? ed. 1314.
——— Linn. Syst. Nat. ed. Gmel. 3858.
——— Berk. Syn. i. 219.
Cellularia bursaria, Pallas, Elenchus, 65.
——— Ellis, Phil. Trans. lvii. 437.
Cellaria bursaria, Solander, Zooph. 25.
——— Lamk. An. s. V. ed. 1. ii. 140.
——— Lamk. An. s. V. ed. 2. ii. 189.
Dynamena bursaria, Lamx. P. C. F. 179.
——— Lamx. Ency. méth. xiv. 289.
——— Blainv. D. S. N. lx. 448.
Gemicellaria barsaria, Blainv. D. S. N. lx. 445.
——— Blainv. M. d'A. 461.
——— Landsb. B. Z. 297.
Epistomia bursaria, Gray, B. M. C. i. 82.
Sertularia bursa, Turton, Brit. Faun. 216.
Corallina cellifera minima, etc. Ellis, N. H. C. Eng. ed. 41.
——— Ellis, N. H. C. Fr. ed. 56.
Shepherd's purse Coralline, Ellis, N. H. C. 41.
——— Johnston, B. Z. ed. 2. i. 294.

1243. OGIVA, genus only, Jullien, Bull. Soc. Zool. France, vi. sep. 11.

1244. OGIVALIA, genus only, Jullien, Bull. Soc. Zool. France, vi. sep. 12.

1245. ONCHOPORA MUTICA, Busk, Q. J. M. S. iii. 321.

1246. ONCHOPORA, genus only, Busk, A. M. N. H. xvii. 116.

1247. ONCHOPORELLA BOMBYCINA, Busk, 'Challenger,' xxx. 104.
Flustra bombycina, Linn. Syst. Nat. ed. Gmel. 3828.
——— Bosc, Vers, 117. Busk gives 141 as the page in the 'Challenger.'
——— Lamx. P. C. F. 103.
——— Lamx. Expos. méth. 3.
——— Lamx. Ency. méth. xiv. 410.
——— Lamk. An. s. V. ed. 1. ii. 157.
——— Lamk. An. s. V. ed. 2. ii. 220.

ONCHOPORELLA BOMBYCINA, Busk (*continued*)—
Flustra bombycina, Krauss, Zooph. Sudsee, 35.
——— Blainv. D. S. N. xvii.'175.
——— Blainv. M. d'A. 451.
Semiflustra bombycina, d'Orbigny, P. F. T. C. 326.
Carbasea bombycina, Busk, B. M. C. i. 52.

This is not the *Flustra bombycina*, Solander.

1248. ONCHOPORELLA DIAPHANA, see Busk, 'Challenger,' xxx. p. 104 and p. 14.

1249. ONYCHOCELLA LUCIÆ, Jullien, Bull. Soc. Zool. France, vi. sep. 10.

1250. ONYCHOCELLA MARIONI, Jullien, Bull. Soc. Zool. France, vi. sep. 7.

1251. OSTHIMOSIA EVEXA, Jullien, 'Cap Horn,' 63.

1252. OSTHIMOSIA OTOPETA, Jullien, 'Cap Horn,' 62.

1253. PALMICELLARIA CRIBRARIA, Johnston; Hks. B. M. P. 384.
Eschara cribraria, Johnston, B. Z. ed. 2. 352.
——— Alder, T. T. F. C. sep. 61.
——— Landsb. B. Z. 360.
——— Kirchenpauer, 'Pomerania,' 187.

1254. PALMICELLARIA ELEGANS, Alder; Hks. B. M. P. 378.
——— Alder, Q. J. M. S. n.s. iv. 100. sep. 6.
——— Norman, B. A. Rep. 1868. 309.
Pustulipora proboscidea, Johnston, B. Z. ed. 2. 278.
——— Landsb. B. Z. 278.

1255. PALMICELLARIA INERMIS, Jullien, 'Travailleur,' 21.

1256. PALMICELLARIA LOREA, Alder; Hks. B. M. P. 382.
Eschara lorea, Alder, J. M. S. n.s. iv. 104. sep. 10.
——— Norman, B. A. Rep. 1868. 309.
Discopora Skenei, form *Eschara*, auct. (pars) Smitt, K. S. B. 1867. 29.

1257. PARMULARIA OBLIQUA, MacGillivray, C. V. 25.
Eschara obliqua, MacGill. Descr. Aus. Pol. 1868. 12.
——— MacGill. Tr. Roy. Soc. Vic. 1868. 137.
——— McCoy, P. Z. V. decade v. 39.
Non *Schizoporella obliqua*, Waters, Tert. Bry. N. Z. 66.

1258. PEDECELLINA AUSTRALIS, Ridley, Proc. Zool. Soc. Jan. 1881. 60.

1259. PEDECELLINA AUSTRALIS, Jullien, 'Cap Horn,' 13. (1888.)

1260. PEDECELLINA BENEDENI, Foettinger, Arch. de Biol. vii. 301.

1261. PEDECELLINA CERNUA, Pallas; Hks. B. M. P. 565.
——— forms *cernua* and *nutans*, Smitt, K. S. B. 1871. 1132. [H.]
——— Winther, Bry. Danmark, sep. 31.
——— Kirkpatrick, A. M. N. H. 6. ii. 21.
——— Vigelius, 'Wm. Barents,' 18.
——— Hincks, A. M. N. H. 5. xix. 312.
Calena spinigera, Lovén (1834) m.s. et Mus. Holm. [S.]
Hydra coronata, Fleming, B. A. 554.
Pedecellina echinata, Sars, Beskr. Jakttag. (1835.) 5. [H.]
——— Nitsche, Zeitsch. Zool. xx. 13.
——— Barrois, Embry. Bry. 27.
——— Joliet (*typica*), Bry. Côtes France, 103.
——— Smitt, K. S. B. 1867. 458.
——— Johnston, B. Z. ed. 2. 382.
——— Reid, A. M. N. H. xvi. 390.
——— Hassall, A. M. N. H. vii. 365.
——— Fœttinger, Ped. d'Ostende, 299.
——— Hatschek, Zeitsch. Wiss. Zool. Bd. xxix.
——— ? Salensky, Ann. Sci. Nat. 6. v. 36.
——— Thompson, A. M. N. H. xiii. 440.
——— Thompson, A. M. N. H. xv. 312.
——— Alder, T. T. F. C. sep. 69.
——— Goodsir, A. M. N. H. xv. 382.
——— Gosse, Dev. Coast, 217.
——— Gosse, Mar. Zool. ii. 23.
——— Hincks, A. M. N. H. 3. ix. 474.
——— Landsb. B. Z. 375.
Pedecellina belgica, V. Ben. Ac. Brux. xix. 23.
——— Lansweert, Zooph. litt. Belg. iii.
——— Winther, Bry. Danmark, sep. 32.
——— Fœttinger, Ped. d'Ostende, 299.
——— Johnston, B. Z. ed. 2. 385.
——— Landsb. B. Z. 375.
——— Gosse, Dev. Coast, 210.
——— Hincks, A. M. N. H. 2. viii. 360.
Brachionus cernuus, Pallas, Nat. merk. Th. (1771.) x. 57.
Hydra lutea, Bosc, Vers, ii. 236.
——— Lamk. An. s. V. ed. 2. ii. 71.
——— Blainv. D. S. N. lx. 459.
Fleshy polypes of a red colour, Ellis, N. H. C. Plate xxxviii. fig. 5, 6, E, F.
'*Polypes rouges et charnus*,' Ellis, N. H. C. French ed. 118.

PEDECELLINA CERNUA, Pallas (*continued*)—
'*Zoophyte intermediate*,' Lister, Phil. Trans. 1834. 385.
——— Johnston, B. Z. ed. 1. 257.
Hydra coronata, Sharpey, Cyclo. Anat. Phys. i. 610. [J.]

1261*a*. P. CERNUA, form GLABRA, Hincks, B. M. P. 565.
Pedecellina echinata, var. *glabra*, Joliet, Bry. Côtes de France, 103.

1262. PEDECELLINA HIRSUTA, Jullien, 'Cap Horn,' 13.

1263. PEDECELLINA NUTANS, Dalyell, R. R. An. Scot. ii. 59.
——— Hincks, B. M. P. 567.
——— Hincks, A. M. N. H. 6. iii. 432.
——— Sars (?), N. Mag. Nat. vi. 152.
——— Sars, Adr. Hav. vii. 379.
Pedecellina cernua, form *nutans*, Smitt, K. S. B. 1871. 1132.
? *Pedecellina americana*, Leidy, 'Rhode Island,' 2. iii. 135. [H.]
Pedecellina (no spec. name), Lewes, Seaside Studies, 249. [S.]

1264. PEDICELLINOPSIS FRUTICOSA, Hincks, A. M. N. H. 5. xiii. 364.
——— MacGill. C. V. 35.
Ascopodaria fruticosa, Busk, 'Challenger,' l. 42.

1265. PETRALIA UNDATA, MacGillivray, Descr. Aus. Pol. Nov. 1868. 16.
——— MacGill. C. V. 26.
——— McCoy, P. Z. V. decade vi. 45.

1266. PHERUSA TUBULOSA, Lamx. P. C. F. 119.
——— Lamx. Expos. méth. 3.
——— Lamx. Ency. méth. xiv. 616.
——— Costa, Faun. Nap. Zoof. 2.
——— Blainv. M. d'A. 453.
——— Heller, Bry. Adr. 1867. 93.
——— d'Orbigny, P. F. T. C. 327.
——— Waters, A. M. N. H. 5. iii. 279.
——— Risso, Eur. Mérid. v. 316.
Flustra tubulosa, Solander, Zooph. 17.
——— Linn. Syst. Nat. ed. Gmel. 3829.
——— Esper, Zooph. Plate ix. fig. 1, 2.
Flustra hispida, Olivi, Zool. Adriat. 274.
Flustra papyracea, Cavolini, Pol. mar. 247.

1267. PHONICOSIA JOUSSEAUMEI, Jullien, 'Cap Horn,' 51.

1268. PHYLACTELLA COLLARIS, Norman; Hks. B. M. P. 358.
——— Hincks, A. M. N. H. 1879. 161.
Lepralia collaris, Norman, B. A. Rep. 1866. 204.
Smittia collaris, Waters, 'Muddy Creek,' 438.

1269. PHYLACTELLA COLUMNARIS, Kirkpatrick, A. M. N. H. 6. i. 79.

1270. PHYLACTELLA EXIMIA, Hincks, B. M. P. 359.
——— Hincks, A. M. N. H. 1879. 161.
Lepralia eximia, Hincks, Proc. Dub. U. Zool. Bot. Assoc. ii. pt. 1. 75.
——— Hincks, Q. J. M. S. viii. 276.
——— Peach, Jour. Roy. Inst. Cornw. xviii. sep. 2.

1271. ? PHYLACTELLA GRANDIS, Hincks, A.M.N.H. 5. vi. 280.

1272. PHYLACTELLA LABROSA, Busk ; Hks. B. M. P. 357.
——— Hincks, A. M. N. H. 1879. 161.
Lepralia labrosa, Busk, B. M. C. ii. 82.
——— Hincks, A. M. N. H. 3. ix. 204. sep. 44.
——— Norman, B. A. Rep. 1868. 308.
——— Peach, Jour. Roy. Inst. Cornw. xviii. sep. 2.
Alysidota labrosa, Busk, Crag Pol. 26.

1273. PŒCILOPORA ANOMALA, MacGillivray, Descr. new Pol. ix. 9.
——— MacGill. Tr. Roy. Soc. Vic. Nov. 1886.
——— MacGill. C. V. 29.
——— McCoy, P. Z. V. decade xvi. 211.

1274. PORELLA ACUTIROSTRIS, Smitt, K. S. B. 1867. 21.
——— Lorenz, 'Jan Mayen,' sep. 8.
——— Hincks, A. M. N. H. 6. iii. 429.

1275. ? PORELLA ARGENTEA, Hincks, A. M. N. H. 5. xiii. 212.
——— Hincks, P. Q. C. I. 42.

1276. PORELLA COMPRESSA, Sowerby ; Hincks, B. M. P. 330.
——— Lorenz, 'Jan Mayen,' sep. 8.
Millepora compressa, Sowerby, Brit. Miscell. 83.
——— Jameson, Wern. Mem. i. 560.
——— Oken, Lehrb. 86 ?.
Eschara stellata, Peach, Jour. Lin. Soc. xiii. 481. [H.]
Porus cervinus, Borlase, Nat. Hist. Cornw. 240. [H.]
Porella cervicornis, Gray, B. M. C. i. 127.
Cellepora cervicornis, Couch, Corn. Faun. iii. 111.
——— Couch, Zooph. Cornw. 49.
——— Busk, Jour. Lin. Soc. xv. 238.
——— Busk, A. M. N. H. 2. xviii. 238.
——— Busk, Norway dredg. App. 2. 1.
——— Landsb. B. Z.
——— Alder, T. T. F. C. 138. sep. 48.
——— Alder, Q. J. M. S. n.s. iv. 98.

PORELLA COMPRESSA, Sowerby (*continued*)—
Cellepora cervicornis, Sars, N. Mag. Nat. vi. 147. sep. 27. [H.]
——— Fleming, B. A. 532.
——— Thompson, A. M. N. H. v. 253.
——— Johnston, B. Z. ed. i. 276. [C.]
——— Johnston, B. Z. ed. 2. 298. [H.]
——— Bellamy, Nat. Hist. S. Devon, 269. [C.]
? ——— Lorenz, 'Jan Mayen,' sep. 13.
——— Koren, N. Mag. Nat. ix. 94. [S.]
——— Danielssen, N. Mag. Nat. xi. 47. [S.]
——— Sars, Beskr. norsk. Pol. 1862. 3.
? *Eschara cervicornis*, Busk, J. M. S. iii. 255.
——— Busk, Q. J. M. S. n.s. iv. 98.
——— Johnston, Proc. Berwick Club, iii. 175.
——— Hincks, A. M. N. H. 3. ix. 308. sep. 50.
——— form *Eschara* (auctt.) Smitt, K. S. B. 1867. 23.
——— Smitt, Bry. Nova Zembla, No. 3. 11.
——— Smitt, Flor. Bry. ii. 66.
Porus cervinus, Pontoppidan, Norg. N. H. 258. [S.]
Millepora Tarandicornis, Stroem, Act. Hann. xii. 304. [S.]
Millepora cervicornis, Turton, Brit. Faun. 204. [B.]
Stag's horn Coralline, Couch, Zooph. Cornw. 49.
——— Couch, Corn. Faun. iii. 111.
? *Celleporaria surcularis*, Packard, Inv. Faun. Labr. i. part 2.
Millepora cervicornis, Stewart, Elem. ii. 427. [C.]

1277. PORELLA CONCINNA, Busk; Hks. B. M. P. 323.
——— Hincks, A. M. N. H. 5. xiii.
——— Hincks, P. Q. C. I. 24.
——— Ridley, A. M. N. H. 1881. 450.
——— Lorenz, 'Jan Mayen,' sep. 7.
——— Waters, Tert. Bry. N. Z. 63.
——— Waters, 'Gambier,' 271.
——— MacGill. C. V. 26.
Lepralia concinna, Busk, B. M. C. ii. 67.
——— Busk, Q. J. M. S. viii. 284.
——— Alder, T. T. F. C. sep. 49.
——— Hincks, A. M. N. H. 3. ix. 201. sep. 41.
——— Heller, Bry. Adr. 1867. 103.
Lepralia bella, Norman, B. A. Rep. 1868. 306.
Lepralia aperta, Boeck, non Rss. Forh. V. S. Christiania, 1861. 50.

1277*a*. P. CONCINNA, var. BELLI, Dawson; Hks. B. M. P. 324.
Lepralia Belli, Dawson, Rep. Geol. Cam. 1858. 256.
——— Packard, Inv. Faun. Labr. i. 2. 271.
Porella concinna, Hincks, A. M. N. H. 6. iii. 428.

1277*b*. P. CONCINNA, var. GRACILIS, Hincks, B. M. P. 324.

1278. PORELLA ELEGANTULA, d'Orbigny ; Hks. A. M. N. H. 6. i. 222.
——— Levinsen, 'Kara-Havet,' 14.
Eschara elegantula, d'Orbigny, P. F. T. C. 102.
——— Busk, Jour. Lin. Soc. xv. 235.
——— Busk, 'Challenger,' xxx. 141.
——— Packard, List Labr. M. A. 11.
——— Packard, Inv. Faun. Labr. i. 2. 275.
——— Smitt, K. S. B. 1867. 24.
——— Smitt, Bry. mar. arct. 456.
——— Dawson, Canad. Nat. n.s. vi.
Lepralia elegantula, Lorenz, 'Jan Mayen,' sep. 7.
Eschara glabra, Hincks, A. M. N. H. 5. vi. 281.
Eschara saccata, Busk, A. M. N. H. 2. xviii. 33.
——— Busk, Norway dredg. App. ii. 2.
——— Sars, Beskr. Pol. Christiania, 1862. 144. sep. 6.
Eschara pavonina, d'Orbigny, P. F. T. C. 101.
——— Fischer, Bry. Sud-ouest France, sep. 23.
——— β. Fischer, Bry. Sud-ouest France, sep. 24.
Lepralia pertusa, Packard, Inv. Faun. Labr. i. 2. 270. [S.]

1279. PORELLA FORMOSA, MacGillivray, Tr. Roy. Soc. Vic. 1886.
——— MacGill. Descr. new Pol. xi. 5.
——— MacGill. C. V. 26.

1280. PORELLA HYADESI, Jullien, 'Cap Horn,' 56.

1281. PORELLA LÆVIS, Fleming ; Hks. B. M. P. 334.
——— Lorenz, 'Jan Mayen,' sep. 8.
——— Whiteaves, 'St. Lawrence,' 12.
——— form *Eschara*, Smitt, K. S. B. 1867. 21.
Cellepora lævis, Fleming, B. A. 532.
——— Johnston, B. Z. ed. 1. 277.
——— Johnston, B. Z. ed. 2. 299.
——— Koren, N. Mag. Nat. ix. 94.
——— Danielssen, N. Mag. Nat. xi. 47.
——— Couch, Zooph. Cornw. 51.
——— Couch, Corn. Faun. iii. 112.
——— Landsb. B. Z. 301.
——— Sars, N. Mag. Nat. vi. 148. sep. 28.
Eschara lævis, Sars, Beskr. Pol. Christiania, 1862. 150. sep. 12.
——— Alder, J. M. S. n.s. iv. 102. sep. 8.
——— Smitt, Æfv. K. Vet. Ak. Förh. 1878. 23
——— Blainv. M. d'A. 428.
——— Lamk. An. s. V. ed. 2. ii. 270.
Eschara teres, Busk, A. M. N. H. 2. xviii. 33.
——— Busk, Norway dredg. App. ii. 2.

1281*a*. P. LÆVIS, var. SUBCOMPRESSA, Busk, 'Challenger,' xxx. 149.
——— Kirkpatrick, A. M. N. H. 6. ii. 14.
Adeonella dolichostoma, Busk, 'Challenger,' xxx. 180.
Eschara dolichostoma, Busk, 'Challenger,' Plate xx. fig. 3.

1282. PORELLA MAJOR, Hincks, A. M. N. H. 5. xiii.
——— Hincks, P. Q. C. I. 25.

1283. PORELLA MALLEOLUS, Hincks, A. M. N. H. 5. xiii. 361.
——— Hincks, Jour. Lin. Soc. xxi. 131.
Smittia malleolus, Waters, A. M. N. H. 6. iv. 16.

1284. PORELLA MALOUINENSIS, Jullien, 'Cap Horn,' 57.

1285. PORELLA MARSUPIUM, MacGillivray, Descr. new Pol. [iii.
——— MacGill. C. V. 26.
——— Hincks, A. M. N. H. 5. viii. sep. 64.
——— Waters, 'Muddy Creek,' 437.
——— Waters, Tert. Bry. N. Z. 62.
Lepralia marsupium, MacGill. Descr. Aus. Pol. Nov. 1868. 11.
——— McCoy, P. Z. V. decade iv. 22.
——— Busk, 'Challenger,' xxx. 147.

1285*a*. P. MARSUPIUM, form PORIFERA, Hincks, A. M. N. H. 5. [xiii.
——— Hincks, P. Q. C. I. 24.
——— Waters, Tert. Bry. N. Z. 63.

1286. PORELLA MINUTA, Norman; Hks. B. M. P. 326.
Lepralia minuta, Norman, B. A. Rep. 1868. 308.
? *Lepralia chilopora*, Manzoni, 'Castrocaro,' 32. [H.]
? ——— Reuss, Bri. mioc. d'Aust. i. 28.
? ——— Seguenza, Form. terz. Reggio, 206.
? *Cellepora chilopora*, Reuss, Wien. tert. 91.

Seguenza distinguishes between the '*chilopora*' of Reuss and Manzoni, but Manzoni says that his species is that of Reuss.

1287. PORELLA NITIDISSIMA, Hincks, A. M. N. H. 5. vi. sep. 10.
——— Kirkpatrick, A. M. N. H. 6. i. 81.

1288. PORELLA PERPUSILLA, Busk.
Eschara perpusilla, Busk, Jour. Lin. Soc. xv. 236.

1289. PORELLA PROBOSCIDEA, Hincks, A. M. N. H. 6. i. 223.
Eschara cervicornis, form *verrucosa*, Smitt, Bry. Nova Zembla, 1878. No. 3. [H.]
? *Eschara verrucosa*, form 2, Smitt, K. S. B. 1868. 142. [H.]

1289*a*. P. PROBOSCIDEA, var. Hincks, A. M. N. H. 6. i. 224.

1290. PORELLA ROSTRATA, Hincks, A. M. N. H. 5. vi. sep. 31.
——— Hincks, A. M. N. H. 5. ix. sep. 89.
Porella papulifera, MacGill. C. V. 27.
Lepralia papillifera, MacGill. Descr. Aus. Pol. 1868. 9.
——— McCoy, P. Z. V. decade iv. 31.
Mucronella serratirostris, MacG. C. V. 27. ? a mistake for *Mucronella serratula*, MacG. Descr. new Pol. ii. 8.

1291. PORELLA SKENEI, Solander; Hincks, A. M. N. H. 6. i. 221.
Cellepora Skenei, Johnston, Trans. N. H. Soc. Newc. ii. 267.
——— Johnston, B. Z. ed. 2. 297.
——— Thompson, A. M. N. H. x. 23.
——— Thompson, A. M. N. H. xv. 322.
——— Couch, Zooph. Cornw. 49.
——— Couch, Corn. Faun. iii. 111.
——— Gray, B. M. C. i. 130.
——— Alder, T. T. F. C. 138. sep. 48.
——— Busk, B. M. C. ii. 88.
——— Landsb. B. Z. 300.
——— Sars, N. Mag. Nat. vi. 147.
——— Sars, N. Mag. Nat. vii. 386.
——— Koren, N. Mag. Nat. ix. 94.
——— Kirchenpauer, Cat. E. Grönl. 424.
Eschara Skenei, Hincks, A. M. N. H. 3. ix. 308.
——— Sars, Beskr. Pol. Christiana, 1862. 147. sep. 9.
——— Whiteaves, 'St. Lawrence,' 11.
Discopora Skenei (pars) form 2, Smitt, K. S. B. 1867. 29.
——— Fischer, Bry. Sud-ouest France, 25.
Millepora Skenei, Solander, Zooph. 135.
——— Stewart, Elem. ii. 427. [C.]
——— Linn. Syst. Nat. ed. Gmel. 3784. [C.]
——— Linn. Turton, iv. 635. [C.]
Palmicellaria Skenei, Hincks, B. M. P. 379.
——— Waters, 'Bairnsdale,' 511.
——— Waters, 'Challenger,' lxxix. 36.
——— Lorenz, 'Jan Mayen,' sep. 11.
Cellepora palmata, Fleming, B. A. 532.
——— Johnston, B. Z. ed. 1. 274.
Eschara palmata, Blainv. M. d'A. 428.
? *Cellepora attenuata*, Alder, Q. J. M. S. n.s. iv. 97.
Skene's Millepore, Solander, Zooph. 135.

1291*a*. P. SKENEI, var. BICORNIS, Busk; Hks. B. M. P. 380.
Lepralia bicornis, Busk, Crag Pol. 47.
——— Seguenza, Form. terz. Reggio, 370.
Cellepora bicornis, Lorenz, 'Jan Mayen,' sep. 15.
Cellepora tridens, Kirchenpauer, 'Pomerania,' 188.

P. SKENEI, var. BICORNIS, Busk (*continued*)—
Eschara Skenei, var. *tridens*, Busk, A. M. N. H. 2. xviii. 33.
——— Busk, Norway dredg. App. ii. 2.
——— Peach, Jour. Lin. Soc. xiii. 480.
Palmicellaria Skenei, var. *tridens*, Busk, A. M. N. H. ii. 18.

1291*b*. P. SKENEI, var. FOLIACEA, Hincks, B. M. P. 380.

1291*c*. P. SKENEI, var. PLANA, Hincks, A. M. N. H. 6. i. 221.

The *Lepralia crassispina* of Stimpson, Mar. Inv. Gr. Manan, p. 18, is, according to Verrill, the Lepralian form of *Porella Skenei*, but Packard makes it a synonym of *Microporella ciliata*.

1292. PORELLA STRUMA, Norman; Hks. B. M. P. 329.
——— Vigelius, 'Wm. Barents,' 14.
Hemeschara struma, Norman, Q. J. M. S. n.s. viii. 221.

1293. PORELLA TUBULATA, Busk.
Eschara tubulata, Busk, Q. J. M. S. n.s. i. 78.

1294. PORINA AFRICANA, d'Orbigny, P. F. T. C. 434.

1295. PORINA BOREALIS, Busk; Hks. B. M. P. 229.
Onchopora borealis, Busk, Q. J. M. S. viii. 213.
Anarthropora borealis, Smitt, K. S. B. 1867. 8.
Tessaradoma boreale, Smitt, F. B. ii. 32.
——— Busk, 'Challenger,' xxx. 174.
Pustulipora gracilis, Sars, N. Mag. Nat. vi. 146. sep. 26.
Quadricellaria gracilis, Sars, Beskr. Pol. Christiania, 1863. 153.
——— Alder, J. M. S. n.s. iv. 101. [sep. 15.
Tessaradoma gracile, Norman, B. A. Rep. 1868. 309.

1296. PORINA CORONATA, Reuss; Waters, A. M. N. H. 5. xx. 189.
——— Waters, 'Curdies Creek,' 333.
——— Waters, 'Bairnsdale,' 508.
——— Waters, 'Muddy Creek,' 437.
——— Waters, 'Aldinga,' 297.
——— Koschinsky, Bry. tert. Bay. sep. 42.
Cellaria coronata, Reuss, Wien. tert. 62.
Acropora coronata, Reuss, Pal. Stud. 1869. 277.
——— Reuss, 'Crosaro,' Ak. Wien. xxix. 65.
——— Gottardi, Bry. foss. Mont. Magg. 305.
Escharellina coronata, d'Orbigny, P. F. T. C. 448.
Eschara coronata, Busk, 'Challenger,' Plate xxi. fig. 6.
Porina gracilis, d'Orbigny, P. F. T. C. 434.
——— MacGill. C. V. 27.
——— Hincks, A. M. N. H. 5. viii. sep. 60.
——— Hincks, Lit. Phil. Soc. Liverpool. April 1881.

PORINA CORONATA, Reuss (*continued*)—
Eschara gracilis, Lamx. Ency. méth. 375.
——— Blainv. M. d'A. 428.
——— Lamk. An. s. V. ed. 1. ii. 176.
——— Lamk. An. s. V. ed. 2. ii. 268.
——— M. Edwards, 'Eschares,' 28.
——— Busk, B. M. C. ii. 91.
——— Busk, 'Challenger,' xxx. 141.
——— McCoy, P. Z. V. decade v. 40.
Acropora gracilis, Pergens, 'Lu'zanska,' 71.
Millepora tenella, Esper, Suppl. i. t. xx. [Lx.]
Eschara Buskii, Ten.-Woods, Jour. Roy. Soc. of N.S.W. 1876.
——— Ten.-Woods, Palæon. N. Zealand, iv. 25. [149.
Pustulipora ungulata, Ten.-Woods, Tr. Roy. Soc. of N.S.W. 1876. 150. sep. 4.
? *Chisma heteroporosum*, Römer, Nord. tert. Pol. 224. [P.]
Eschara conferta, Reuss, Wien. tert. 71.
——— d'Orbigny, P. F. T. C. 344.
——— Seguenza, Form. terz. Reggio, 84.
Spiroporina vertebralis, Stoliczka, 'Orakei bay,' 106.
——— Ten.-Woods, Palæon. N. Zealand, 23.
Porina Dieffenbachiana, Stoliczka, 'Orakei Bay,' 135.
——— Ten.-Woods, Palæon. N. Zealand, 25.

1296*a*. P. CORONATA. var. LABROSA, Reuss; Waters, 'Challenger,' lxxix. 32.
Cellaria labrosa, Reuss, Wien. tert. 63.
Escharellina labrosa, d'Orbigny, P. F. T. C. 448.
Myriozoum australiense, Haswell, Proc. Lin. Soc. of N.S.W. v. part i. 43.
Haswellia australiensis, Busk, 'Challenger,' xxx. 172. [W.]

1297. PORINA LARVALIS, MacGillivray, C. V. 27.
——— Waters, 'Gambier,' 269.
——— Waters, 'Bairnsdale,' 509.
——— Waters, A. M. N. H. 5. xx. 189.
Lepralia larvalis, MacGill. Descr. Aus. Pol. 1868. 9.
——— MacGill. Tr. Roy. Soc. Vic. 1868.
——— McCoy, P. Z. V. decade iv. 30.

1298. PORINA MAGNIROSTRIS, MacGillivray; Hks. A.M.N.H. 5. xiv. 279.
Lepralia magnirostris, MacGill. Descr. new. Pol. ii. 5.
——— MacGill. Tr. Roy. Soc. Vic. xix. 134.
Tessaradoma magnirostris, MacGill. C. V. 23.
Microporella magnirostris, Waters, 'Aldinga,' 296.
——— Waters, Tert. Bry. N. Z. 55.
Microporella introversa, Waters, 'Gambier,' 268.

1299. PORINA PROBOSCIDEA, WATERS, 'Challenger,' lxxix. 39.

1300. PORINA RUGOSA, D'ORBIGNY.
Semiporina rugosa, d'Orbigny, P. F. T. C. 440.

1301. PORINA TUBULOSA, NORMAN; Hks. B. M. P. 230.
——— Lorenz, 'Jan Mayen,' sep. 4.
Lepralia tubulosa, Norman, B. A. Rep. 1868. 308.
——— Hincks, A. M. N. H. 4. xix. 101.
——— Hincks, A. M. N. H. July 1877.
Cylindroporella tubulosa, Hincks, A. M. N. H. 4. xx. 528.

1302. PUELLINA, genus only, JULLIEN, Bull. Soc. Zool. France, xi. sep. 7.

1303. RADIOPORA CRISTATA, BUSK, B. M. C. iii. 35.

1304. RADIOPORA INTERMEDIA, JULLIEN, Guide du Naturalis·e, Feb. 1878.

1305. RADIOPORA PUSTULOSA, D'ORBIGNY, Prodr. pal. strat. 176.
——— d'Orbigny, P. F. T. C. 994.
——— Waters, A. M. N. H. 5. iii. 277.

1306. RADIOPORA SIMPLEX, BUSK, B. M. C. iii. 35.

1307. RHAMPHOSTOMELLA BILAMINATA, HINCKS, A.M.N.H. 6. iii. 426.
——— Lorenz, 'Jan Mayen,' sep. 13.
Cellepora bilaminata, Hincks, A. M. N. H. 4. xix. 111.

1308. RHAMPHOSTOMELLA COSTATA, HINCKS, A. M. N. H.
——— Lorenz, 'Jan Mayen,' sep. 12. [6. iii. 426.
Cellepora scabra, Smitt, (pars) K. S. B. 1867. 30. Plate xxviii. fig. 186–188.

1308*a*. R. COSTATA, var. CRISTATA, HINCKS, A.M.N.H. 6. iii. 426.

1309. RHAMPHOSTOMELLA OVATA, SMITT; Hks. A. M. N. H.
Cellepora ovata, Smitt, K. S. B. 1867. 31. [6. iii. 425.
——— Hincks, A. M. N. H. 4. xix. 112.
Mucronella ovata, Verrill, Proc. U.S. Nat. Mus. 1879. 195.

1310. RHAMPHOSTOMELLA PLICATA, SMITT; Hks. A.M.N.H.
——— Lorenz, 'Jan Mayen,' sep. 12. [6. iii. 426.
Cellepora plicata, Smitt, K. S. B. 1867. 30.
——— Hincks, A. M. N. H. 4. xix. 106.
Smittia plicata, Hincks, A. M. N. H. 5. xiii.
——— Hincks, P. Q. C. I. 26.
? *Lepralia patula*, Sars, N. Mag. Nat. vi. 148. sep. 28.

1311. RHAMPHOSTOMELLA RADIATULA, HINCKS; Lorenz, 'Jan Mayen, sep. 15.
——— Hincks, A. M. N. H. 6. iii. 425.
Lepralia radiatula, Hincks, A. M. N. H. 4. xix. 104.

1312. RHAMPHOSTOMELLA SCABRA, Fabricius; Lorenz, 'Jan Mayen,' sep. 11.
Eschara scabra, Fabr. Vid. Selsk. Phys. Skr. Hauniæ, i. 29.
Cellepora scabra, Smitt, K. S. B. 1867. 30.
——— Kirchenpauer, Cat. E. Grönl. 423.
——— Verrill, R. I. V. S. Extr. 420.
——— Waters, 'Gambier,' 275.
——— Levinsen, 'Kara-Havet,' 20.
——— Whiteaves, 'St. Lawrence,' 11.
Mucronella scabra, Verrill, Proc. U.S. Nat. Mus. 1879. 195.
Discopora scabra, Smitt, Recensio, 31.
Millepora reticulata, Fabr. Faun. Grönl. 433.

1313. RHAMPHOSTOMELLA SPINIGERA, Lorenz, 'Jan Mayen,' sep. 12.
Cellepora plicata, Smitt, (pars) K. S. B. 1867. Plate xxviii. fig. 192.

1314. REGINELLA, genus only, Jullien, Bull. Soc. Zool. France, xi. sep. 5.

1315. RETEPORA ALTISULCATA, Ridley, Proc. Zool. Soc. Jan. 1881. 53.

1316. RETEPORA ALVEOLATA, Blainv. M. d'A. 434.

1317. RETEPORA AMBIGUA, Lamk. An. s. V. ed. 1. ii. 184.
——— Lamx. Ency. méth. xiv. 669.
——— Blainv. M. d'A. 434.

1318. RETEPORA AMELIANA, Defrance.
Blainville doubts this species of Defrance being a *Retepora*.

1319. RETEPORA APICULATA, Busk, 'Challenger,' xxx. 108.

1320. RETEPORA ARBOREA, Risso, Eur. Mérid. v. 345.

1321. RETEPORA ARBOREA, Jullien, 'Travailleur,' 21.

1322. RETEPORA ATLANTICA, Busk, 'Challenger,' xxx. 116.
——— Waters, 'Challenger,' lxxix. 20.
Retepora cellulosa, Busk, 'Challenger,' Plate xxviii. fig. 1.
Retepora marsupiata, Smitt, F. B. ii. 67.
——— Waters, 'Curdies Creek,' 342.
——— Waters, 'Gambier,' 275.
——— Waters, 'Bairnsdale,' 511.
——— Waters, 'Aldinga,' 302. [138.
Phidolophora labiata, Gabb and Horn, Jour. Acad. Nat. Sci. 2. v.

1323. RETEPORA AURANTIACA, MacGillivray, Descr. new Pol. 1882. 2.
——— MacGill. C. V. 30.
——— McCoy, P. Z. V. decade x. 28.

1324. RETEPORA AVICULARIS, MacGillivray, Descr. new Pol. 1882. 2.
——— MacGill. C. V. 30.
——— McCoy, P. Z. V. decade x. 16.
——— Waters, 'Challenger,' lxxix. 21.
Retepora Jacksoniensis, Busk, 'Challenger,' xxx. 125. [W.]
Retepora rimata, Waters, 'Gambier,' 275.

1325. RETEPORA BEANIANA, King, A. M. N. H. xviii. 237.
——— Johnston, B. Z. ed. 2. 353.
——— Landsb. B. Z. 361.
——— Busk, B. M. C. ii. 94.
——— Busk, A. M. N. H. 2. xviii. sep. 2.
——— Busk, Crag Pol. 75.
——— Hincks, B. M. P. 391.
——— Hincks, A. M. N. H. 3. ix. 306. sep. 50.
——— Alder, T. T. F. C. sep. 62.
——— Stoliczka, 'Orakei bay,' 124.
——— Lorenz, 'Jan Mayen,' sep. 15.
——— Waters, 'Muddy Creek,' 439.
Millepora cellulosa, Jameson, Wern. Mem. i. 560. [H.]
——— Turton, Brit. Faun. 205. [B.]
——— Stewart, Elem. ii. 427. [B.]
Retepora cellulosa, Johnston, Mag. Nat. Hist. vii. 638. [H.]
——— S. Wood, A. M. N. H. xiii. 16. [B.]
——— W. Thompson, A. M. N. H. xv. 322. [B.]
R. cellulosa, form *Beaniana*, var. *borealis*, Smitt, K. S. B. 1867. 34.
Retepora cellulosa, Koren, N. Mag. Nat. ix. 96. [S.]
——— Danielssen, N. Mag. Nat. xi. 47. [S.]
——— Sars, N. Mag. Nat. vi. 151. sep. 31. [S.]
——— *var. a*, Fischer, Bry. Sud-ouest France, 26.
? *Retepora reticulata*, Smitt, F. B. ii. 69.
Cellepora reticulata, Pourtales, Bull. Mus. Cam. No. 6. 113.
Eschara Beaniana, Smitt, Bry. Nova Zembla, 1878. No. 3. 23.
? *Lepralia lobata*, Busk, Crag Pol. 50.
(*Query name*), Pontoppidan, Norg. N. Hist. tab. xiv. fig. F. [S.]
Millepora sp. Stroem, Sundm. Beskr. i. 142. [S.]

1326. RETEPORA CARINATA, MacGillivray, Descr. new Pol. [v. 8.
——— MacGill. C. V. 30.
——— McCoy, P. Z. V. decade x. 25.

1327. RETEPORA CAVERNOSA, Busk, 'Challenger,' xxx. 121.

1328. RETEPORA CELLULOSA, Smitt; Hincks, A. M. N. H. 5. xix. 306.
——— form *cellulosa*, Linn.; Smitt, K. S. B. 1867. 35.
——— Chiaje, Mem. Stor. Not. An. s. V. iv. 198. [S.]

RETEPORA CELLULOSA, Smitt (*continued*)—

——— Busk, B. M. C. ii. 93. [S.]
——— Busk, Crag Pol. 74. [S.]
——— Busk, A. M. N. H. 2. xviii. sep. 2.
——— Waters, A. M. N. H. 5. iii. 199.
——— Heller, Bry. Adr. 1867. 116.
——— Hincks, A. M. N. H. 5. i. 364.
——— Reuss, Wien. tert. 47. [S.]
——— Michelin, Icon. Zooph. 71. [S.]
Frondipora cellulosa, Oken, Lehrb. Nat. 63. [B.]
Retepora cellulosa, Ridley, Proc. Zool. Soc. Jan. 1881. 53.
——— Pergens, Bry. Nord-ouest Méd. 9.
——— Oken ; Kirchenpauer, 'Pomerania,' 189.
——— Waters, 'Bruccoli,' 15.
——— Seguenza, Form. terz. Reggio, 84, 208, 296, 330, 371.
——— Gottardi, Bry. foss. Mont. Magg. 303.
——— Manzoni, 'Rhodes,' 67.
——— Lamk. An. s. V. ed. 1. ii. 182.
——— Lamk. An. s. V. ed. 2. ii. 276.
Millepora cellulosa, Linn. Syst. Nat. ed. 12.1284.
——— Linn. Syst. Nat. ed. 10. 790.
——— Linn. Syst. Nat. ed. Gmel. 3787.
——— Linn. Turton.
——— Linn. ; de Maumont, Seepolyp. Plate xv. fig. A. B.
Retepora cellulosa, Linn. ; Blainv. M. d'A. 433.
——— Lamx. Expos. méth. 41.
——— Lamx. Ency. méth. xiv. 667.
——— Deslongchamps, Ency. Zooph. 669. [B.]
——— Schweigger, Handb. 431. [B.]
? ——— Hutton, N. Z. Cat. 195.
? ——— Hutton, Tr. Roy. Soc. Tasmania, 1877. 25.
——— d'Orbigny, P. F. T. C. 364.
——— Fischer, Bry. Sud-ouest France, 26. [S.]
Retepora Edwardsii, v. Ben. Bull. Ac. Roy. Belg. xv. part i. 81.

There is much confusion in the synonymy of this species. Hincks considers that the name '*cellulosa*' has probably been applied to other Mediterranean forms, and in his paper on the Polyzoa of the Adriatic, Annals and Mag. Nat. Hist. 5. xix. 306, he writes, 'It is very desirable that this specific name, which has been variously applied by the earlier writers, should be used at last in a definite sense, and we cannot do better than restrict it to the present form, which has been so thoroughly characterised by Professor Smitt.'

Busk, in his Polyzoa of the Crag, p. 74, gives, among other synonyms, that of *Millepora foraminosa* of Solander ; but as Solander states that his '*foraminosa*' is British, I do not see how it can be accepted, as '*cellulosa*' has not yet been found

RETEPORA CELLULOSA, SMITT (*continued*)—
on our coasts—see Hincks, Annals and Nat. Mag. Nat. Hist. 5. i. 364.

Busk, in his Brit. Mus. Cat. and Crag Polyzoa, gives many synonyms which I refrain from placing as such, but to carry out thoroughly the idea of this Catalogue, I here add all the names that have been applied to '*cellulosa*' by different writers, without giving any opinion on their value.

Eschara marina, Imperato, Hist. Nat. 630. Italian ed.
——— Imperato, Hist. Nat. 821. Latin ed.
Retepora cellulosa, Grube, 'die Inseln Lussin,' 68.
Millepora retepora, Pallas, Elenchus, 243.
——— Esper, i. Plate i.
Millepora reticulata, Solander, Zooph. 138.
——— Gray, B. M. C. i. 130.
Millepora foraminosa, Solander, Zooph. 138.
Millepora cellulosa, Jameson, Wern. Mem. i. 560.
——— Cavolini, Pol. mar. i. 64. Plate iii. fig. 12–14.
Retepora ?, Bonnani, Mus. Kirch. 266.
Millepora cellulosa, Risso, Eur. Mérid. v. 343.
Retepora reticulata, Fleming, B. A. 531.
——— Johnston, B. Z. ed. i. 296.
——— Blainv. M. d'A. 433.
——— Lamk. An. s. V. ed. 1. ii. 182.
Eschara ?, Rondelet, Aquat. ii. 133.
Eschara Rondeleti, Gesner, Pisc. 1575. 155.
——— J. Bauhin, Hist. Plant. iii. 809.
——— Tournef. Inst. r. Herb. 576.
Manchette de Neptune, d'Aubenton, Ic. misc. Plate xxiii.
Madrepora, forma *rosa*, Marsigli, Hist. Mer. 149.
Reticulum marinum, Rumph. Amboine, vi. 247.
? *Retepora frustulata*, Lamk. An. s. V. ed. 2. ii. 279.
? ——— Defrance, Dic. Sci. Nat. 282.
? ——— Blainv. M. d'A. 434.
? ——— Michelin, Icon. Zooph. Plate lxxvi. fig. 5.
? ——— d'Orb. P. F. T. C. 364.
Stony Eschara, of Imp. Ellis, N. H. C. 72.
Eschara, pro *crusta marina*, C. Bauhin, Pin. theatr. bot. 367.
Eschara, vel *Millepora*, Seba, Thesaurus, iii. 189.
Millepora marinum, Ellis, N. H. C. Eng. ed. 72.
——— Ellis, N. H. C. Fr. ed. 87.

The *Retepora cellulosa* of Manzoni, Bry. plioc. It. iv. 19. is *Couchii*. 'The *R. reticulata* of Johnston and Couch cannot be identified from their descriptions.'—HINCKS. *Probably* Couch's species is *R. Couchii*.

1328*a*. R. CELLULOSA, form BEANIANA, var. MEDITERRANEA, Smitt, K. S. B. 1867. 35.
Retepora cellulosa, Cuvier, Règne An. illustr. Zooph. Plate lxxxvii. fig. i, a–e.
——— V. Ben. Bull. Acad. Roy. Belg. xv. part 1. 82.

1328*b*. R. CELLULOSA, form NOTOPACHYS, Busk; Smitt, K. S. B. 1867. 36.
Retepora notopachys, Busk, Crag Pol. 76.

1329. RETEPORA COLUMNIFERA, Busk, 'Challenger,' xxx. 122.
——— Waters, 'Challenger,' lxxix. 20.

1330. RETEPORA CONTORTUPLICATA, Busk, 'Challenger,' xxx. 120.
——— Waters, 'Challenger,' lxxix. 20.

1331. RETEPORA COUCHII, Hincks, B. M. P. 395.
——— Hincks, A. M. N. H. 5. i. 355.
——— Waters, A. M. N. H. 5. iii. 200.
Retepora Beaniana, Hincks, A. M. N. H. 3. ix. 306. sep. 50.
Retepora cellulosa, var. *Beaniana*, Manzoni, Bry. plioc. It. iv. 19.
? *Millepora retepora*, Borlase, Nat. Hist. Cornw. 240.
? *Retepora reticulata*, Landsb. B. Z. 360.

1332. RETEPORA DELICATULA, Busk, 'Challenger,' xxx. 124.

1333. RETEPORA DENTICULATA, Busk, 'Challenger,' xxx. 109.

1334. RETEPORA ECHINULATA, Marsigli, Hist. mer. méd.
——— Marsigli; Blainv. M. d'A. 433.

1335. RETEPORA ELLISII, Risso, Eur. Mérid. 344.

1336. RETEPORA ESCHAROIDES, Busk, 'Challenger,' xxx. 114. alluded to.

1337. RETEPORA FISSA, MacGillivray, Descr. Aus. Pol. Nov. 1868. 15.
——— MacGill. Descr. new Pol. iv. 5.
——— MacGill. Descr. new. Pol. v. 9.
——— MacGill. C. V. 30.
——— McCoy, P. Z. V. decade x. 17.
——— Waters, A. M. N. H. 6. iv. 18.

1338. RETEPORA FOLIACEA, de Haan; Blainv. M.d'A. 434.

1339. RETEPORA FORMOSA, MacGillivray, Descr. new Pol.
——— MacGill. C. V. 30. [v. 7.
——— McCoy, P. Z. V. decade x. 24.

1340. RETEPORA FRUCTICOSA, Risso, Eur. Mérid. v. 345.

1341. RETEPORA GIGANTEA, Busk, 'Challenger,' xxx. 114.
——— Waters, 'Challenger,' lxxix. 19.

1342. RETEPORA GRANULATA, MacGillivray, Descr. Aus. Pol. Nov. 1868. 15.
——— MacGill. Descr. new Pol. iv. 4.
——— MacGill. C. V. 30.
——— McCoy, P. Z. V. decade x. 29.
——— Hincks, A. M. N. H. 5. i. 363.

1343. RETEPORA HINCKSII, Kirkpatrick, A. M. N. H. 6. i. 82.

1344. RETEPORA INDICA, d'Orbigny, P. F. T. C. 364.

1345. RETEPORA LATA, Busk, 'Challenger,' xxx. 115.
——— Waters, 'Challenger,' lxxix. 19.

1346. RETEPORA MADERENSIS, Busk.
Psileschara maderensis, Busk, Q. J. M. S. n.s. i. 79. [W.]

1347. RETEPORA MAGELLENSIS, Busk, 'Challenger,' xxx. 126.
——— Waters, 'Challenger,' lxxix. 22.

1347*a*. R. MAGELLENSIS, var. MINIMA, Waters, 'Challenger,' lxxix. 22.
Retepora simplex, Busk, 'Challenger,' xxx. 118. [W.]

This is not the *R. simplex* of Busk in the Crag Polyzoa, nor of Seguenza, nor of Gottardi.

1348. RETEPORA MARGARITACEA, Busk,'Challenger,' xxx. 125.

1349. RETEPORA MICROTHYRIS, Busk, m.s. 'Challenger,' xxx. 107. mentioned only.

1350. RETEPORA MONILIFERA, MacGillivray, Trans. Phil. Inst. Vic. iv. part. 2. 168.
——— MacGill. Descr. new Pol. v. 3.
——— MacGill. C. V. 30.
——— McCoy, P. Z. V. decade x. 20.
——— Etheridge, Synop. Aus. tert. Pol. 12.
——— Hincks, A. M. N. H. 5. i. 360.

1350*a*. R. MONILIFERA, form SINUATA, MacGillivray, Descr. new Pol. v. 5.
——— MacGill. C. V. 30.
——— McCoy, P. Z. V. decade x. 21.

1350*a'*. R. MONILIFERA, form SINUATA, var. ARCUATA, MacGill. Tr. Roy. Soc. of S. Aus. June 1889. 29.

1350*b*. R. MONILIFERA, form MUNITA, Hincks; MacGill. Tr. Roy. Soc. Vic. xx. 108.
——— MacGill. Descr. new Pol. v. 6.
——— McCoy, P. Z. V. decade x. 22.
——— MacGill. C. V. 30.
——— Waters, 'Challenger,' lxxix. 20.
——— Hincks, A. M. N. H. 5. i. 361.
Retepora Victoriensis, Busk, 'Challenger,' xxx. 117. [W.]
? *Retepora Victoriensis*, var. *Japonica*, Busk, 'Challenger,' xxx. 118.

1350*b'*. R. MONILIFERA, form MUNITA, var. LUNATA, MacGill. Descr. new Pol. v. 7.
——— MacGill. C. V. 30.
——— McCoy, P. Z. V. decade x. 22.

1350*b''*. R. MONILIFERA, form MUNITA, var. ACUTIROSTRIS, MacGill. Descr. new Pol. v. 7.
——— MacGill. C. V. 30.
——— McCoy, P. Z. V. decade x. 22.

1350*c*. R. MONILIFERA, form UMBONATA, MacGill. Descr. new Pol. v. 8.
——— MacGill. C. V. 30.
——— McCoy, P. Z. V. decade x. 23.
——— Waters, 'Challenger,' lxxix. 20.
Retepora hirsuta, Busk, 'Challenger,' xxx. 119. [W.]

1351. RETEPORA MUCRONATA, Busk, 'Challenger,' xxx. 120.

1352. RETEPORA PHŒNICEA, Busk, B. M. C. ii. 94.
——— Busk, 'Challenger,' xxx. 124.
——— Hincks, A. M. N. H. 5. i. 362.
——— Waters, A. M. N. H. 5. xx. 197.
——— McCoy, P. Z. V. decade x. 27.
——— MacGill. C. V. 30.
——— Hutton, Tr. Roy. Soc. Tasmania, 1877. 25.

1353. RETEPORA PHILIPPENSIS, Busk, 'Challenger,' xxx. 123.

1354. RETEPORA PLANA, Hincks, A. M. N. H. 5. i. 358.

1355. RETEPORA PORCELLANA, MacGillivray, Descr. Aus. Pol. Nov. 1868. 15.
——— MacGill. Tr. Roy. Soc. Vic. ix. 140.
——— MacGill. Descr. new Pol. iv. 3.
——— MacGill. Tr. Roy. Soc. Vic. xix. 289.
——— MacGill. C. V. 30.
——— McCoy, P. Z. V. decade x. 15.
——— Waters, A. M. N. H. 6. iv. 18.
——— Waters, 'Challenger,' lxxix. 19.

RETEPORA PORCELLANA, MacGillivray (*continued*)—
Retepora robusta, Hincks, A. M. N. H. 5. i. 359.
Retepora crassa, Busk, 'Challenger,' xxx. 115. [W.]

1355*a*. R. PORCELLANA, var. LAXA, MacGill. C. V. 30.
——— McCoy, P. Z. V. decade x. 15.

1356. RETEPORA PRÆTENUIS, Hincks, A. M. N. H. 5. i. 356.

1357. RETEPORA PRODUCTA, Busk, 'Challenger,' xxx. 108.
Retihornera Graeffii, Kirchenpauer, Cat. Mus. Godefr. iv. [Kp.]

1358. RETEPORA RETICULATA, Lamarck, An. s. V. ed. 1. ii. 182.

1359. RETEPORA SERRATA, MacGillivray, Descr. new Pol. iv. 1.
——— MacGill. C. V. 30.
——— McCoy, P. Z. V. decade x. 31.

1360. RETEPORA SINUOSA, Kirkpatrick, A. M. N. H. Sep. 1888.

1361. RETEPORA SOLANDERIA, Risso, Eur. Mérid. v. 344.

1362. RETEPORA SPINIFERA, Blainv. M. d'A. 433.

1363. RETEPORA SPINOSA, Blainv. M. d'A. 434.

1364. RETEPORA TENUIS, Kirkpatrick, A. M. N. H. 6. i. 82.

1365. RETEPORA TESSELLATA, Hincks, A. M. N. H. 5. i. 358.
——— Busk, 'Challenger,' xxx. 112.
——— MacGill. Tr. Roy. Soc. Vic. 1883.
——— MacGill. C. V. 30.
——— McCoy, P. Z. V. decade x. 29.

1365*a*. R. TESSELLATA, var. CÆSPITOSA, Busk, 'Challenger, xxx. 113.

1365*b*. R. TESSELLATA, var. PUBENS, Busk, 'Challenger,' xxx. 113.

1365*c*. R. TESSELLATA, var. IMPERATI, Busk; Waters, 'Challenger,' lxxix. 18.
Retepora Imperati, Busk, 'Challenger,' xxx. 110. [W.]
Eschara marina, Imperato, Hist. Nat. 821. [B.]
Retepora cellulosa, (pars) Lamx. Expos. méth. 41. [B.]

1366. RETEPORA TUBULATA, Busk, 'Challenger,' xxx. 121.

1367. RETEPORA VIOLACEA, de Haan; Blainv. M. d'A. 434.

1368. RETEPORA WALLICHIANA, Busk, m.s. Hks. A. M. N. H. 4. xix. 107.
——— Hincks, A. M. N. H. 5. xiii.
——— Hincks, P. Q. C. I. 29.
Retepora elongata, Smitt; Levinsen, 'Kara-Havet,' 19. [Lev.]
R. cellulosa, form *notopachys*, var. *elongata*, Smitt, K. S. B. 1867.
Discopora elongata, Smitt, Recen. An. Bry. 1878. 32. [36.

1369. RETEPORA WORSLEYI, MacGillivray, Descr. new Pol.
——— MacGill. Tr. Roy. Soc. Vic. Nov. 1886. [xii. 7.

1370. RETEPORELLA FLABELLATA, Busk, 'Challenger,' xxx. 126.

1371. RETEPORELLA MYRIOZOIDES, Busk, 'Challenger,' xxx. 127.

1372. RETICULIPORA DORSALIS, Waters, A. M. N. H. 5. iii. 278.
Reticulipora nummulitorum, Smitt, K. S. B. 1866. 433.

1373. RETICULIPORA INTRICARIA, Smitt, K. S. B. 1871. 1117.
Discopora intricaria, Levinsen, 'Kara-Havet,' 21.

1374. RHABDOPLEURA COMPACTA, Hincks, B. M. P. 581.

1375. RHABDOPLEURA NORMANI, Allman, B. A. Rep. 1868.
——— Allman, Q. J. M. S. n.s. ix. 57. [311.
——— Hincks, B. M. P. 580.

1376. RHABDOZOUM WILSONI, Hincks, A. M. N. H. 5. x. sep. 93.
——— MacGill. C. V. 10.

1377. RHEBASIA, genus only, Jullien, Bull. Soc. Zool. France, vi. sep. 15.

1378. RHYNCOPORA BISPINOSA, Johnston; Hks. B. M. P. 385.
——— Hincks, A. M. N. H. 5. xix. 306.
——— Ridley, Proc. Zool. Soc. Jan. 1881. 50.
——— Kirkpatrick, A. M. N. H. 6. i. 78.
——— MacGill. C. V. 28.
——— Waters, 'Aldinga,' 302.
Lepralia bispinosa, Johnston, B. Z. ed. 2. 326.
——— Landsb. B. Z. 325.
——— Alder, T. T. F. C. sep. 51.
——— Hincks, A. M. N. H. 3. ix. 205. sep. 45.
——— Busk, B. M. C. ii. 77.
——— Busk, J. M. S. viii. 144.
Discopora bispinosa, Gray, B. M. C. i. 126.

1379. RHYNCOPORA CRENULATA, Waters, A. M. N. H. 5. xx. 195.

1380. RHYNCOPORA LONGIROSTRIS, Hincks, A. M. N. H. 5. viii. 66.
——— Hincks, Lit. Phil. Soc. Liverpool. April 1881. 18.
——— MacGill. C. V. 28.
——— Waters, A. M. N. H. 6. iv. 19.
——— Waters, Tert. Bry. N. Z. 70.
Mucronella tubulosa, Hincks; Waters, A. M. N. H. 6. iv. 19.
Mucronella tubulosa, Hincks, A. M. N. H. 5. vi. sep. 32.

1381. RHYNCOPORA PROFUNDA, MacGillivray, Descr. new Pol. iii. 2.
——— MacGill. Tr. Roy. Soc. Vic. xix. 193.
——— MacGill. C. V. 28.
——— Waters, A. M. N. H. 5. xx. 196.
——— Waters, A. M. N. H. 6. iv. 18.

1382. ROMANCHEINA MARTIALI, Jullien, 'Cap Horn,' 60.

1383. SCHIZOPORELLA ACUMINATA, Hincks, A. M. N. H. 5. viii. 62.
——— Hincks, Lit. Phil. Soc. Liverpool. April 1881.
——— Waters, 'Gambier,' 274.
——— Waters, 'Bairnsdale,' 511.

1384. SCHIZOPORELLA ALDERI, Busk; Hks. B. M. P. 243.
Alysidota Alderi, Busk, Q. J. M. S. iv. 311. [H.]
——— Norman, B. A. Rep. 1868. 306.
Lepralia Barleei, Busk, Q. J. M. S. viii. 143. [H.]
Mollia vulgaris, form *ansata*, *Hippothoid var.* Smitt, K. S. B. 1867. 15. [H.]

1385. SCHIZOPORELLA AMBITA, Waters, A. M. N. H. 6. iv. 11.

1386. SCHIZOPORELLA AMPLA, Kirkpatrick, A. M. N. H. 6. i. 76.

1387. SCHIZOPORELLA ANNULARIS, Moll.
Eschara annularis, Moll, 'Eschara,' ed. 1803. 36.
——— Pallas, Elenchus, 48.
——— Boddaert in Pall. Belg. 59.
Cellepora annularis, Blainv. M. d'A. 444.
——— Lamx. P. C. F. 91.
Tubulipora annularis, Blainv. M. d'A. 425.
——— Lamk. An. s. V. ed. 1. ii. 162. [Blv.]
Reptolatereschara annularis, d'Orbigny, P. F. T. C. 418.

1388. SCHIZOPORELLA APERTA, Hincks, A. M. N. H. 5. ix. 89.

1389. SCHIZOPORELLA ARACHNOIDES, MacGillivray, Descr. new Pol. iii. 2.
——— MacGill. C. V. 25.
——— McCoy, P. Z. V. decade xiv. 148.

1390. SCHIZOPORELLA AREOLATA, Busk.
Lepralia areolata, Busk, B. M. C. ii. 82.
——— Hutton, N. Z. Cat. 192.

1391. SCHIZOPORELLA ARGENTEA, Hincks, A. M. N. H. 5. vii. 45.
——— Hincks, A. M. N. H. 5. xv. 254.

1392. SCHIZOPORELLA ARMATA, Hincks, B. M. P. 258.
Lepralia armata, Hincks, A. M. N. H. 3. ix. 207.

1393. SCHIZOPORELLA ASSIMILIS, Haswell, Proc. Lin. Soc. of N.S.W. v. part. 1.

1394. SCHIZOPORELLA ATROFUSCA, Busk; Hks. A. M. N. H. 5. xvii. 269.
Lepralia atrofusca, Rylands, m.s.; Busk, Q. J. M. S. iv. 178.
? *Lepralia vascularis*, Kirchenpauer, m.s.

1395. SCHIZOPORELLA AURICULATA, Hassall; Hks. B. M. P. 260.
——— Waters, A. M. N. H. 6. iv. 9.
——— Waters, 'Gambier,' 273.
——— Waters, 'Bairnsdale,' 511.
——— Waters, Tert. Bry. N. Z. 64.
——— Pergens, 'Tasmajdan,' sep. 13.
——— Pergens, Bry. env. Brest, 10.
Lepralia auriculata, Hassall, A. M. N. H. ix. 411.
——— Johnston, B. Z. ed. 2. 310.
——— Landsb. B. Z. 312.
——— Gray, B. M. C. i. 119.
——— Alder, Supp. Cat. sep. 19.
——— Hincks, A. M. N. H. 3. ix. 200.
——— Busk, B. M. C. ii. 67.
——— Waters, A. M. N. H. 5. iii. 32.
——— Waters, 'Bruccoli,' 8.
——— Manzoni, Supp. Bry. Med. 6.
——— Seguenza, Form. terz. Reggio, 359, 369.
Escharella auriculata, Smitt, K. S. B. 1867. 12.
? *Lepralia pratensis*, Seguenza, Form. terz. Reggio, 205, 370. [W.]

1395*a*. S. AURICULATA, form OCHRACEA, Hincks, B. M. P. 260.
——— Hincks, A. M. N. H. 5. xi.
——— Hincks, P. Q. C. I. 16.
Lepralia ochracea, Hincks, A. M. N. H. 3. ix. 206.
L. auriculata, var. *leontinensis*, Waters, 'Bruccoli,' 8.

1395*b*. S. AURICULATA, var. CUSPIDATA, Hincks, B. M. P. 261.

1395*c*. S. AURICULATA, ? var. ALBA, Busk, 'Challenger,' xxx. 164.
Schizoporella rostrifera, Busk, 'Challenger,' Plate xix. fig. 1.

1395*d*. S. AURICULATA, var. FISSIPORA, Waters, A. M. N. H. 6. iv. 9.

1396. SCHIZOPORELLA AUSTRALIS, Haswell.
Hemeschara australis, Haswell, Proc. Lin. Soc. of N.S.W. v. part. 1.

1397. SCHIZOPORELLA BIAPERTA, Michelin ; Hks. B. M. P. 255.
——— Hincks, A. M. N. H. 5. xiii. 360.
——— Hincks, A. M. N. H. 5. vi. 8.
——— Hincks, A. M. N. H. 5. xiii.
——— Hincks, Jour. Lin. Soc. xxi. 131.
——— Hincks, P. Q. C. I. 17, 41.
——— Lorenz, 'Jan Mayen,' sep. 5.
——— Waters, Tert. Bry. N. Z. 65.
——— Seguenza, Form. terz. Reggio, 81. 202.
Lepralia biaperta, Busk, Crag Pol. 37.
——— Manzoni, 'Castrocaro,' 21.
Eschara biaperta, Michelin, Icon. Zooph. 330.
——— Waters, 'Bruccoli,' 13.
Escharina biaperta, d'Orbigny, Prodr. pal. strat. iii. 135.
Reptoporina biaperta, d'Orbigny, P. F. T. C. 442.
Hippothoa biaperta, Smitt, F. B. ii. 46.
Hippothoa divergens, Smitt, F. B. ii. 47.
L. linearis, var. *biaperta*, Waters, A. M. N. H. 5. iii. 37.
Eschara biaperta, form *eschariformis*, Waters, 'Bruccoli,' 13.
——— Hincks, B. M. P. 256.
Escharella linearis, form *biaperta*, Smitt, K. S. B. 1867. 14.
Hippothoa divergens, form *laxa*, Smitt, F. B. ii. 47.

1398. SCHIZOPORELLA BISERIALIS, Hincks, A. M. N. H. 5. xv. 250.
——— Waters, A. M. N. H. 6. iv. 9.

1399. SCHIZOPORELLA BOTRYOIDES, MacGillivray.
Lepralia botryoides, McCoy, P. Z. V. decade iv. 33.

1400. SCHIZOPORELLA BOUCHARDI, Audouin.
Flustra Bouchardi, Savigny, Zool. Egypt. Plate ix. fig. 11.
——— Audouin, Expl. 68.
Cellepora Bouchardi, d'Orbigny, P. F. T. C. 402.

1401. SCHIZOPORELLA CANDIDA, Stimpson.
Lepralia candida, Stimpson, Mar. Invert. Gr. Manan, 18.
Smittia candida, Verrill, Proc. U.S. Nat. Mus. 192.
Mollia vulgaris, form *candida*, Smitt, K. S. B. 1867. 16.

1402. ? SCHIZOPORELLA CAPENSIS, d'Orbigny.
Reptolatereschara capensis, d'Orbigny, P. F. T. C. 418.

1403. SCHIZOPORELLA CECILII, Audouin; Hks. B. M. P. 269.
——— Hincks, A. M. N. H. 5. xix. 302.
——— Busk, 'Challenger,' xxx. 166.
——— Waters, A. M. N. H. 6. iv. 9.

SCHIZOPORELLA CECILII, Audouin (*continued*)—
——— Waters, 'Gambier,' 272.
——— Waters, 'Aldinga,' 301.
——— MacGill. C. V. 24.
Flustra Cecilii, Savigny, Zool. Egypt. Plate viii. fig. 3.
——— Audouin, Expl. i. 239. (66.)
Flustra Duboisii, Savigny, Zool. Egypt. Plate viii. fig. 4.
Cellepora Duboisii, d'Orbigny, P. F. T. C. 401.
Lepralia Cecilii, Busk, Q. J. M. S. v. 173.
——— Hincks, A. M. N. H. 3. ix. 205. sep. 45.
——— Waters, A. M. N. H. 5. iii. 30.
——— McCoy, P. Z. V. decade iv. 21.
Cellepora Cecilii, d'Orbigny, P. F. T. C. 401.
Lepralia crystallina, MacGill. Descr. Aus. Pol. 1868. 10.
Lepralia Gandyi, Haswell, Proc. Lin. Soc. of N.S.W. v. part i.
Lepralia Perugiana, Heller, Bry. Adr. 1867. 102. [W.]

1404. SCHIZOPORELLA CHALLENGERIA, Waters, 'Challenger,' lxxix. 30.
Myriozoum immersum, Busk, 'Challenger,' xxx. 170.

1405. SCHIZOPORELLA CINCTIPORA, Hincks, A. M. N. H. 5. xi. sep. 109.

1405*a*. S. CINCTIPORA, var. PERSONATA, Waters, Tert. Bry. N. Z. 67.

1406. SCHIZOPORELLA CIRCINATA, MacGillivray, C. V. 24.
——— Hincks, A. M. N. H. 5. xv. 253.
——— Busk, 'Challenger,' xxx. 166.
——— Waters, Tert. Bry. N. Z. 64.
Lepralia circinata, MacGill. Descr. Aus. Pol. Nov. 1868. 9.
——— McCoy, P. Z. V. decade iv. 21.

1407*a*. SCHIZOPORELLA CONFINITA, var. RATONIENSIS, Waters; A. M. N. H. 5. xx. 192.
——— Waters, A. M. N. H. 6. iv. 2.

1407*b*. SCHIZOPORELLA CONFINITA, var. PIPERIENSIS, Waters, A. M. N. H. 5. xx. 193.

The type of these varieties is the *Lepralia confinita*, Waters, 'Aldinga,' 299.

1408. SCHIZOPORELLA CONSERVATA, Waters; Hincks, A. M. N. H. 5. x. sep. 96.
——— Hincks, A. M. N. H. 5. xiv. 281.
——— Waters, 'Curdies Creek,' 340.
——— Waters, 'Gambier,' 273.
——— Waters, Tert. Bry. N. Z. 65.

1409. SCHIZOPORELLA CRASSILABRIS, Hincks, A. M. N. H. 5. x. 251.
——— Hincks, A. M. N. H. 5. xi.
——— Hincks, P. Q. C. I. 17.

1410. SCHIZOPORELLA CRASSIROSTRIS, Hincks, A. M. N. H. 5. xi.
——— Hincks, P. Q. C. I. 18.

1411. SCHIZOPORELLA CRIBRILLIFERA, Hincks, A.M.N.H. 5. xv. 250.
——— Waters, Tert. Bry. N. Z. 65.

1412. SCHIZOPORELLA CRIBRITHECA, Busk, 'Challenger,' xxx. 176.
Lepralia cribritheca, Busk, 'Challenger,' Plate xxxiii. fig. 5.

1413. SCHIZOPORELLA CRISTATA, Hincks, B. M. P. 254.
——— Hincks, A. M. N. H. Feb. 1879.
Lepralia nitidula, Hincks, List of Pol. Hastings. N. H. Soc. 1878.

1414. SCHIZOPORELLA CRUENTA, Norman; Hks. B. M. P. 270.
——— Ridley, A. M. N. H. 1881. 449.
Lepralia cruenta, Norman, A. M. N. H. 1864. sep. 7.
Lepralia violacea, var. *cruenta*, Busk, B. M. C. ii. 69.
Discopora cruenta, Smitt, K. S. B. 1871. 1127.

1415. SCHIZOPORELLA CRYPTOSTOMA, MacGillivray, C. V. [25.
——— MacGill. Descr. new Pol. viii. 7.
——— McCoy, P. Z. V. decade xiv. 149.

1416. SCHIZOPORELLA DÆDALA, MacGillivray, C. V. 25.
——— MacGill. Tr. Roy. Soc. Vic. July 1882.
——— McCoy, P. Z. V. decade xiv. 146.
Schizoporella insignis, MacGill. Descr. new Pol. ii. 3.
——— MacGill. Tr. Roy. Soc. Vic. xix. 132.
——— Hincks, A. M. N. H. 5. xiv. 281.
Schizoporella conservata, Hks. non Waters, A.M.N.H. 5. x. 96. [MacG.]

1417. SCHIZOPORELLA DAWSONI, Hincks, A. M. N. H. 5. x. 252.
——— Hincks, A. M. N. H. 5. xi. 449.
——— Hincks, A. M. N. H. 5. xiii. 212.
——— Hincks, P. Q. C. I. 20.

I have ventured to place this species as Mr. Hincks originally named it, for a comparison between the figure he gives and that of the *Escharina torquata* in d'Orbigny's work does not seem to allow of their being the same thing.

1418. SCHIZOPORELLA DISCOIDEA, Busk ; Hks. B. M. P. 265.
——— Hincks, A. M. N. H. 5. xix. 303.
Lepralia discoidea, Busk, Q. J. M. S. vii. 66.
——— Busk, Q. J. M. S. viii. 144, 283.
——— Hincks, Q. J. M. S. viii. 276.
Alysidota conferta, Busk, B. A. Rep. [H.]

1419. SCHIZOPORELLA DIVISOPORA, Waters, A. M. N. H. 5. xx. 193.

1420. SCHIZOPORELLA EATONI, Busk.
Lepralia Eatoni, Busk, Phil. Trans. clxviii. 196.
——— Busk, 'Kerguelen,' sep. 4.
——— Busk, A. M. N. H. 4. xvii. 117.

1421. SCHIZOPORELLA EDWARDSIANA, d'Orbigny.
Escharina Edwardsiana, d'Orbigny, Voy. Am. 12.
Cellepora Edwardsiana, d'Orbigny, P. F. T. C. 399.

1422. SCHIZOPORELLA ELEGANS, d'Orbigny ; Bk. 'Challenger,' xxx. 165.
Lepralia elegans, Busk, 'Challenger,' Plate xxii. fig. 8.
? *Escharina elegans*, d'Orbigny, Voy. Am. 13.
? *Cellepora elegans*, d'Orbigny, P. F. T. C. 399.

1423. SCHIZOPORELLA ERRATA, Waters.
Lepralia errata, Waters, A. M. N. H. 5. iii. 39.
Lepralia spinifera, (pars) Busk, B. M. C. Plate xci. fig. 1, 2. [W.]

1424. ? SCHIZOPORELLA EXCAVATA, MacGillivray, Trans. Institute, Oct. 1859. 159.
——— McCoy, P. Z. V. decade iv. 32.

1425. SCHIZOPORELLA FILOCINCTA, Reuss ; Waters, A. M. N. H. 6. iv. 10.
——— Pergens, 'Tasmajdan,' 14.
Lepralia filocincta, Reuss, Bry. mioc. d'Aust. i. 38.
——— Reuss, Denk. Ak. Wissen. Wien. xxxiii. 178.

1426. SCHIZOPORELLA FISCHERI, Jullien, 'Travailleur,' 15.
——— Jullien, Bull. Soc. Zool. France, vii.

1427. SCHIZOPORELLA FURCATA, Busk, 'Challenger,' xxx. 163.
Eschara furcata, Busk, 'Challenger,' Plate xxi. fig. 5.

1428. SCHIZOPORELLA GLABRA, Smitt.
Gemellipora glabra, Smitt, F. B. ii. 37.
——— Busk, 'Challenger,' xxx. 176.
? *Flustra Gayii*, Savigny, Zool. Egypt. Plate x. fig. 2.
? ——— Audouin, Expl. 68.
? *Cellepora Gayii*, d'Orbigny, P. F. T. C. 402.

1429. SCHIZOPORELLA GRANULOSA, Haswell.
Onchopora granulosa, Haswell, Proc. Lin. Soc. of N. S. W. v. part 1.

1430. ? SCHIZOPORELLA HUMILIS, Busk.
Lepralia humilis, Busk, Q. J. M. S. iv. 177.
——— Carpenter's Mazat. Cat. Moll. 5.

1431. SCHIZOPORELLA HYALINA, Linn.; Hks. B. M. P. 271.
——— Ridley, 'Alert,' 49.
——— Waters, Tert. Bry. N. Z. 68.
——— Lorenz, 'Jan Mayen,' sep. 6.
——— Vigelius, 'Wm. Barents,' 14.
——— Levinsen, 'Kara-Havet,' 13.
——— MacGill. C. V. 25.
Cellepora hyalina, Linn. Syst. Nat. ed. 12. 1286.
——— Linn. Syst. Nat. ed. Gmel. 3792.
——— Lamx. P. C. F. 87.
——— Lamx. Pol. Corall. 38.
——— Lamx. Ency. méth. xiv. 181.
——— Lamk. (post Esper), An. s. V. ed. 1. ii. 173.
——— Lamk. An. s. V. ed. 2. ii. 261.
——— Lóven, 1835, m.s. et Mus. Holm. [S.]
——— Cavolini, Pol. Mar. iii. 242. [S.]
——— Oken, Lehrb. Nat. 86.
——— Fabricius, Faun. Grönl. 435.
——— Esper, Pflanzen. Cellepora, Plate i. fig. 1, 2.
——— Bosc, 'Vers,' iii. 122.
Lepralia hyalina, Thompson, A. M. N. H. v. 253.
——— Johnston, B. Z. ed. 2. 301.
——— Busk, B. M. C. ii. 84.
——— Busk, 'Kerguelen,' sep. 4.
——— Busk, Crag Pol. 52.
——— Sars, N. Mag. Nat. vi. 148. sep. 28.
——— Kirchenpauer, 'Pomerania,' 186.
——— Kirchenpauer, Cat. E. Grönl. 420.
——— Alder, T. T. F. C. 142. sep. 52.
——— Landsb. B. Z. 303.
——— Hincks, A. M. N. H. 3. ix. 205.
——— Heller, Bry. Adr. 1867. 112.
——— Hutton, N. Z. Cat. 193.
Berenicea hyalina, Hassall, A. M. N. H. vii. 367.
——— Blainv. M. d'A. 445.
Chorizopora hyalina, Pergens, Bull. Soc. R. M. Belg. xxii. sep. 5.
——— Pergens, Bry. env. Brest, 10.
Diazeuxia hyalina, Jullien, 'Cap Horn,' 29.

SCHIZOPORELLA HYALINA, Linn. (*continued*)—
Mollia hyalina, form *hyalina*, Smitt, K. S. B. 1867. 16.
Mollia hyalina, Winther, Bry. Danmark, sep. 30.
——— Fischer, Bry. Sud-ouest France, 21.
——— Verrill, R. I. V. S. extr. 419.
Cellepora nitida, Fabr. Faun. Grönl. 435. [H.]
——— Fabr. ; Westendorp, Pol. Flex. Belg. extr. 12.
Cellepora personata, Chiaje, An. s. V. iii. 39.
Escharina personata, Lamk. An. s. V. ed. 2. ii. 236.
Lepralia cylindrica, Hassall, A. M. N. H. vii. 368.
Flustra tuberculosa, Desm. and Lesu. Plate i. fig. 7. [P.]
Cellepora coarctata, Desm. and Lesu. Plate ii. fig. 5. [P.]
Reptescharella personata, d'Orbigny, P. F. T. C. 465.
Lepralia tenuis, Sars, N. Mag. Nat. vi. 148. sep. 28. [S.]
Cellepora hyalina, Gray, B. M. C. i. 128.
? *Cellepora ovoidea*, Lamx. Pol. Corall. 38.
? ——— Lamx. P. C. F. 89. [H.]
? ——— Lamx. Expos. méth. 2.
? ——— Lamx. Ency. meth. 182.
? ——— Lamx.; d'Orbigny, P. F. T. C. 399.
? ——— Blainv. M. d'A. 444.
? ——— Chiaje, An. s. V. iii. 38.
? *Escharoides ovoidea*, Lamk. An. s. V. ed. 2. ii. 259.
? *Cellepora vitrina*, Johnston, B. Z. ed. 2. 300.
? ——— Couch, Corn. Faun. iii. 109.
? ——— Busk, B. M. C. ii. 87.
? *Escharina Brongniartiana*, d'Orb. Voy. Am. 14.
? *Reptescharella Brongniartiana*, d'Orb. P. F. T. C. 465.
Diachoris Buskiana, Hutton, N. Z. Cat. 188.
——— Hutton, C. M. M. 94.

1431*a*. S. HYALINA, var. CORNUTA, Busk ; Hks. B. M. P. 272.
L. hyalina, var. *cornuta*, Busk, B. M. C. ii. 84.
——— Busk, 'Kerguelen,' sep. 4.
? *Escharina chilina*, d'Orbigny, Voy. Am. 11.
? *Cellepora chilina*, d'Orbigny, P. F. T. C. 399.
Lepralia cancer, Hutton, N. Z. Cat. 192.
——— Hutton, C. M. M. 97.

1431*b*. S. HYALINA, var. INCRASSATA, Hincks, B. M. P. 272.

1431*c*. S. HYALINA, var. TUBERCULATA, Hincks, B. M. P. 272.

1431*d*. S. HYALINA, var. DISCRETA, Busk, 'Kerguelen,' sep. 5.
Lepralia discreta, Busk, B. M. C. ii. 85.
Diazeuxia reticulans, Jullien, 'Cap Horn,' 33.

1431*e*. S. HYALINA, var. CONFERTA, Busk.
L. hyalina, var. *conferta*, Busk, 'Kerguelen,' sep. 5.
Lepralia conferta, Busk, A. M. N. H. 4. xvii. 117.

1431*f*. S. HYALINA, var. BOUGAINVILLEI, Busk.
L. hyalina, var. *Bougainvillei*, Busk, 'Kerguelen,' sep. 5.
——— Busk, 'Challenger, Plate xxii. fig. 4.
Chorizopora hyalina, var. *Bougainvillei*, Bk. 'Challenger,' xxx. 148.
Lepralia Bougainvillei, Bk. A. M. N. H. 4. xvii. 117.
Escharina Bougainvillei, d'Orb. Voy. Am. 12.
Cellepora Bougainvillei, d'Orb. P. F. T. C. 399.

1431*g*. S. HYALINA, var. MURICATA, Busk.
L. hyalina, var. *muricata*, Busk, 'Kerguelen,' sep. 5.
Lepralia muricata, Busk, A. M. N. H. 4. xvii. 117.

1432. SCHIZOPORELLA IMMERSA, Haswell.
Onchopora immersa, Haswell, Proc. Lin. Soc. of N.S.W. v. part 1.

1433. SCHIZOPORELLA INCRASSATA, Hincks, A. M. N. H. 5. ix. sep. 87.

1434. SCHIZOPORELLA INSCULPTA, Hincks, A. M. N. H. 5. x. 251.
——— Hincks, A. M. N. H. 5. xi.
——— Hincks, P. Q. C. I. 19.

1435. SCHIZOPORELLA INSIGNIS, Hincks, A. M. N. H. 5. viii. sep. 75.

1436. SCHIZOPORELLA JACKSONIENSIS, Busk, 'Challenger,' xxx. 164.
Hemeschara Jacksoniensis, Busk, 'Challenger,' Plate xix. fig. 3.

1437. SCHIZOPORELLA JOHNSTONI, nov. nom. Quelch, A. M. N. H. 5. xiii. 217.
Schizoporella simplex, Hincks, B. M. P. 246.
Lepralia simplex, Johnston, B. Z. ed. 2. 305.
——— Landsb. B. Z. 306.
——— Gray, B. M. C. i. 118.
——— Hincks, A. M. N. H. 3. ix. 204. sep. 44.
——— Busk, B. M. C. ii. 82.
Schizoporella simplex, var. *Aldingensis*, Waters, 'Aldinga,' 300.

1438. SCHIZOPORELLA LABIOSA, Busk; Ridley, Proc. Zool. Soc. 1881. 49.
Lepralia labiosa, Busk, B. M. C. ii. 82.

1439. SCHIZOPORELLA LÆVIGATA, Waters, A. M. N. H. 6. iv. 11.

1440. SCHIZOPORELLA LATA, MacGillivray, C. V. 24.
——— MacGill. Descr. new Pol. ii. 3.
——— MacGill. Tr. Roy. Soc. Vic. xix. 132.
——— McCoy, P. Z. V. decade xiv. 145.
——— Waters, A. M. N. H. 6. iv. 10.

1441. SCHIZOPORELLA LATISINUATA, Hincks, A. M. N. H. 5. x. sep. 97.
——— MacGill. C. V. 25.

1442. SCHIZOPORELLA LATREILLII, Audouin.
Flustra Latreillii, Savigny, Zool. Egypt. Plate x. fig. 8.
——— Audouin, Expl. 69.
Cellepora Latreillii, d'Orbigny, P. F. T. C. 402.

1443. SCHIZOPORELLA LEPERII, Audouin.
Flustra Leperii, Savigny, Zool. Egypt. Plate ix. fig. 3.
——— Audouin, Expl. 67.
Cellepora Leperii, d'Orbigny, P. F. T. C. 401.

1444. SCHIZOPORELLA LEVATA, Hincks, A. M. N. H. 5. ix. sep. 88.

1445. SCHIZOPORELLA LIMBATA, Lorenz, 'Jan Mayen,' sep. 6.
? *Escharella linearis*, form *secundaria*, Smitt, (pars) K. S. B. 1867. 14.

1446. SCHIZOPORELLA LINEARIS, Hassall; Hks. B. M. P. 247.
——— Pergens, Bry. env. Brest, 10.
——— Pergens, 'Rhodes,' 23.
? ——— Lorenz, 'Jan Mayen,' sep. 5.
Lepralia linearis, Hassall, A. M. N. H. vii. 368.
——— Johnston, B. Z. ed. 2. 308.
——— Landsb. B. Z. 308.
——— Hincks, A. M. N. H. 3. ix. 202.
——— Alder, T. T. F. C. 140. sep. 50.
——— Norman, B. A. Rep. 1868. 306.
——— Busk, B. M. C. ii. 71.
——— Heller, Bry. Adr. 1867. 105.
——— Seguenza, Form. terz. Reggio, 82, 202, 328, 370.
——— Waters, A. M. N. H. 5. iii. 38.
——— Manzoni, Bry. plioc. It. iii. sep. 5.
——— Manzoni, 'Castrocaro,' 30.
——— Manzoni, 'Rhodes,' 63.
Escharella linearis, Fischer, Bry. Sud-ouest France, 20.
——— form *linearis*, Smitt, K. S. B. 1867. 13.
Herentia linearis, Gray, B. M. C. i. 123.
Cellepora lamellaris, Lóven, 1835, m.s. et Mus. Holm. [S.]
Semiporina pulchella, d'Orbigny, P. F. T. C. 440. [S.]

SCHIZOPORELLA LINEARIS, Hassall (*continued*)—
Semiescharellina oblonga, d'Orbigny, P. F. T. C. 450. [S.]
Lepralia tenella, Reuss, Bry. mioc. d'Aust. ii. 23. [H.]
——— Seguenza, Form. terz. Reggio, 82, 202.
Cellepora tenella, Reuss, Wien. tert. 94.
Reptoporina tenella, d'Orbigny, P. F. T. C. 442.

1446*a*. S. LINEARIS, var. HASTATA, Hincks, B. M. P. 248.
L. linearis, var. *hastata*, Hincks, A. M. N. H. 3. ix. 206. sep. 46.
——— Hincks, A. M. N. H. 3. x. 362.
——— Waters, A. M. N. H. 5. iii. 38.

1446*b*. S. LINEARIS, var. MAMILLATA, Hincks, B. M. P. 248.

1446*c*. S. LINEARIS, var. NITIDA, Hincks, B. M. P. 248.

1446*d*. S. LINEARIS, var. CRUCIFERA, Norman; Hks. B.M.P. 248.

1446*e*. S. LINEARIS, form QUINCUNCIALIS, Hks. A. M. N. H. 5. vii. sep. 45.

1446*f*. S. LINEARIS, form INARMATA, Hks. A. M. N. H. 5. xiii.
——— Hks. A. M. N. H. 5. xix. 303.
——— Hks. P. Q. C. I. 41.
Lepralia linearis, Waters, A. M. N. H. 5. iii. 38. Plate ix. fig. 2.

1447. SCHIZOPORELLA LONGIROSTRATA, Hincks, A.M.N.H. 5. x. 251.
——— Hincks, A. M. N. H. 5. xi.
——— Hincks, P. Q. C. I. 18.

1448. SCHIZOPORELLA LONGISPINATA, Busk, 'Challenger,' xxx. 163.
Hemeschara longispinata, Busk, 'Challenger,' Plate xvii. fig. 2.

1449. SCHIZOPORELLA LUCIDA, Hincks, A.M.N.H. 5. xv. 252.

1450. SCHIZOPORELLA MACULOSA, Hincks, A. M. N. H. 5. xv. [252.
——— Hincks, A. M. N. H. 5. xi.
——— Hincks, P. Q. C. I. 20. [268.

1451. SCHIZOPORELLA MAGNIFICA, Hincks, A.M.N.H. 5. xvii.

1452. SCHIZOPORELLA MAPLESTONEI, MacGillivray, C.V.
Lepralia Maplestonei, McCoy, P. Z. V. decade iv. 24. [24.

1453. SCHIZOPORELLA MARSUPIFERA, Busk, 'Challenger,' xxx. 165.
——— Waters, A. M. N. H. 5. xx. 191.
——— Waters, Tert. Bry. N. Z. 65.
Schizoporella lineolifera, Hincks, A. M. N. H. 5. xvii.
——— Hincks, A. M. N. H. 5. xix. 315.

1454. ? SCHIZOPORELLA MAZATLANTICA, Busk.
Lepralia mazatlantica, Q. J. M. S. iv. 177.
——— Carpenter's Cat. Mazat. Moll. 3.

1455. SCHIZOPORELLA MUCRONATA, Smitt; Waters, A. M. N. H. 6. iv. 10.
Hippothoa mucronata, Smitt, F. B. ii. 45.

1456. SCHIZOPORELLA NEPTUNI, Jullien, 'Travailleur,' 15.

1457. SCHIZOPORELLA NIVEA, Busk, 'Challenger,' xxx. 163.
Hemeschara nivea, Busk, 'Challenger,' Plate xvii. fig. 1.

1458. SCHIZOPORELLA OBSOLETA, Jullien, 'Travailleur,' 16.

1459. SCHIZOPORELLA OVUM, Jullien, 'Travailleur,' 16.

1460. SCHIZOPORELLA PACHNOIDES, MacGillivray, C.V. 25.
——— MacGill. Tr. Roy. Soc. Vic. 1886.
——— MacGill. Descr. new Pol. xii. 2.

1461. SCHIZOPORELLA PELLUCIDA, MacGillivray, C. V. 25.
Lepralia pellucida, McCoy, P. Z. V. decade iv. 34.

1462. SCHIZOPORELLA PHYMATOPORA, Reuss; Waters, 'Aldinga,' 300.
——— Waters, 'Curdies Creek,' 338.
——— Waters, 'Bairnsdale,' 510.
——— Meun. and Perg. Bry. Syst. Mont. 11.
Eschara phymatopora, Reuss, 'Crosaro,' 272.
——— Gottardi, Bry. foss. Mont. Magg. 303.
Myriozoum honolulense, Busk, 'Challenger,' xxx. 170.

1463. SCHIZOPORELLA POLYMORPHA, Busk; Waters, 'Challenger,' lxxix. 29.
Gephyrophora polymorpha, Busk, 'Challenger,' xxx. 167.

1464. SCHIZOPORELLA PRISTINA, Hincks, A. M. N. H. 5. xi.
——— Hincks, P. Q. C. I. 19.

1465. SCHIZOPORELLA PULCHERRIMA, MacGillivray, C.V.
——— MacGill. Descr. new Pol. ix. 5. [25.

1466. SCHIZOPORELLA PUNCTIGERA, MacGillivray, C.V.
——— MacGill. Descr. new Pol. ii. 4. [25.
——— MacGill. Tr. Roy. Soc. Vic. 1884.
——— McCoy, P. Z. V. decade xiv. 145.

1467. SCHIZOPORELLA QUADLINGI, Haswell, Proc. Lin. Soc. of N.S.W. v. part i.

1468. SCHIZOPORELLA RENIFORMIS, KIRCHENPAUER.
Eschara reniformis, Kirch. Cat. Mus. Godefr. part iv.

1469. SCHIZOPORELLA RIDLEYI, MACGILLIVRAY, C. V. 25.
——— MacGill. Descr. new Pol. iii. 1.
——— McCoy, P. Z. V. decade xiv. 148.
——— Quelch, A. M. N. H. 5. xiii. 215.
——— Waters, Tert. Bry. N. Z. 64.
Schizoporella marsupium, Ridley, Proc. Zool. Soc. Jan. 1881. 48.

1470. SCHIZOPORELLA ROSTRATA, MACGILLIVRAY, C. V. 25.
——— MacGill. Descr. new Pol. xii. 1.
——— MacGill. Tr. Roy. Soc. Vic. 1886.

1471. SCHIZOPORELLA SALICORNIOIDES, KIRCHENPAUER.
Onchopora salicornioides, Kirch. Cat. Mus. Godefr. part iv. 27. [Kkp.]

1472. SCHIZOPORELLA SANGUINEA, NORMAN; Hks. B.M.P. 252.
——— Hincks, A. M. N. H. 5. vi. sep. 8.
——— Hincks, A. M. N. H. 5. xix. 303.
——— Pergens, Bry. Nord-ouest Méd. 8.
——— Pergens, Bry. mioc. Russ. Mérid. 5.
Escharella sanguinea, Smitt, F. B. ii. 54.
Hemeschara sanguinea, Norman, Q. J. M. S. n.s. viii. 222.
Lepralia pertusa, Busk, B. M. C. Plate lxxviii. fig. 2.
——— Manzoni, Supp. Bry. Med. Plate ii. fig. 5, 6.
——— var. *sinuata*, Waters, A. M. N. H. 5. iii. 31.

1472*a*. S. SANGUINEA, var. HINCKS, A. M. N. H. 5. vi. 31.

1473. SCHIZOPORELLA SCHIZOSTOMA, MACGILLIVRAY, C. V. 24.
Lepralia schizostoma, MacGill. Descr. new Pol. Nov. 1868. 10.
——— McCoy, P. Z. V. decade iv. 33.
——— Waters, 'Muddy Creek,' 439.

1744. SCHIZOPORELLA SERRATIMARGO, HINCKS, A. M. N. H. 5. xvii. 268.

1475. SCHIZOPORELLA SIMPLEX, D'ORB.; Quelch, A. M. N. H. 5. xiii. 215.
Escharina simplex, d'Orbigny, Voy. Am. 13.
Reptoporina simplex, d'Orbigny, P. F. T. C. 442.

1476. SCHIZOPORELLA SINUOSA, BUSK; Hks. B. M. P. 266.
——— Lorenz, 'Jan Mayen,' sep. 5.
Lepralia sinuosa, Busk, Q. J. M. S. viii. 125.
——— Kirchenpauer, Cat. E. Grönl. 421.

1476*a*. S. SINUOSA, var. ARMATA, Hincks, B. M. P. 267.

1477. SCHIZOPORELLA SPINIFERA, Johnston; Hks. B. M. P. 241.
——— Ridley, Proc. Zool. Soc. Jan. 1881. 49.
——— Pergens, Bry. env. Brest, 10.
Lepralia spinifera, Johnston, B. Z. ed. 2. 324.
——— Landsb. B. Z. 324.
——— Gray, B. M. C. i. 122.
——— Hincks, A. M. N. H. 3. ix. 201. sep. 41.
——— (pars) Busk, B. M. C. ii. 69. Plate lxxvi. fig. 2, 3. and Plate xci. fig. 1, 2.
——— Heller, Bry. Adr. 1867. 103.
——— var. *aculeata*, Heller, Bry. Adr. 1867. 104.
Mollia vulgaris, form *spinifera*, Smitt, K. S. B. 1867. 15.
Mollia spinifera, Fischer, Bry. Sud-ouest France, 22.
Lepralia ciliata, Hassall, A. M. N. H. vi. 171.
——— Hassall, A. M. N. H. vii. 367.
——— Hassall, A. M. N. H. ix. 407.
——— Couch, Zooph. Cornw. 51.
——— Couch, Corn. Faun. iii. 118. [H.]
Cellepora coccinea, Lóven, 1835, m.s. et Mus. Holm. [S.]

1478. SCHIZOPORELLA SPONGITES, Pallas.
Eschara spongites, Pallas, Elenchus, 45.
——— Moll, 'Eschara,' Plate i. fig. 3A, 3B.
——— Blainv. D. S. N. lx. 394. [S.]
——— Blainv. M. d'A. 429. [S.]
Cellepora spongites, Esper, Pflanzen. i. 242. Plate iii. [S.]
——— Lamk. An. s. V. ed. 1. ii. 172. [S.]
——— Lamk. An. s. V. ed. 2. ii. 258. [S.]
——— Lamx. Expos. méth. 2. [S.]
——— Lamx. Ency. méth. xiv. 185. [S.]
——— Linn. Syst. Nat. ed. 12. 1286. [Mo.]
——— Linn. Syst. Nat. ed. Gmel. 3791. [Mo.]
——— Linn. Syst. Nat. Stat. Müller, vi. 725. [Mo.]
——— Risso, Eur. Mérid. v. 337.
——— Olivi, Zool. Adr. 229.
Millepora spongites, Solander, Zooph. 132.
——— Cavolini, Polipi marini, i. 68. [Mo.]
Porus anguinus, Imp. Hist. Nat. Venet. (1672) 625. [Mo.]
Sponsagtig Hornwier, Boddaert in Pall. Belg. 56.
Hippothoa spongites, Smitt, F. B. ii. 42.
Semicelleporaria spongites, d'Orbigny, P. F. T. C. 421.
Lepralia spongites, Heller, Bry. Adr. 1867. 104.

1478*a*. S. SPONGITES, VAR. Hincks, Jour. Lin. Soc. xxi. 124.

1479. SCHIZOPORELLA STRIATULA, Smitt; Waters, 'Aldinga,'
Lepralia striatula, MacGill. Descr. new Polyzoa, ii. 5. [301.
——— MacGill. Tr. Roy. Soc. Vic. 1882.
Gemellipora striatula, MacGill. C. V. 25.
——— McCoy, P. Z. V. decade xiv. 150.
Gemellipora glabra, form *striatula*, Smitt, F. B. ii. 37.

1480. SCHIZOPORELLA SUBSINUATA, Hincks, A. M. N. H. 5. xiv. 280.
——— McCoy, P. Z. V. decade xiv. 147.
——— MacGill. C. V. 25.

1481. SCHIZOPORELLA SUBTORQUATA, d'Orbigny.
Escharina torquata, d'Orbigny, Voy. Am. 11.
Cellepora subtorquata, d'Orbigny, P. F. T. C. 399.

1482. SCHIZOPORELLA SYDNEYENSIS, Waters, A. M. N. H. 6. iv. 12.

1483. SCHIZOPORELLA TENUIS, Busk, 'Challenger,' xxx. 165.
——— Waters, 'Challenger,' lxxix. 29.
Hemeschara tenuis, Busk, 'Challenger,' Plate xx. fig. 10.
? *Schizoporella nivea*, Busk, 'Challenger,' xxx. 163. [W.]
? *Hemeschara nivea*, Busk, 'Challenger,' Plate xvii. fig. 1.

1484. ? SCHIZOPORELLA THENARDII, Audouin.
Flustra Thenardii, Savigny, Zool. Egypt. Plate x. fig. 3.
——— Audouin, Expl. 68.
Cellepora Thenardii, d'Orbigny, P. F. T. C. 402.

1485. SCHIZOPORELLA TORQUATA, d'Orbigny.
Flustra torquata, Quoy and Gaim. Voy. Uranie, Plate lxxxix. fig. 7, 8.
——— Lamx. Ency. méth. xiv. 407.
Cellepora torquata, d'Orbigny, P. F. T. C. 403.
Escharina torquata, Lamk. An. s. V. ed. 2. ii. 234.

1486. SCHIZOPORELLA TRIANGULA, Hincks, A. M. N. H. 5. viii. sep. 60.
——— Hincks, Lit. Phil. Soc. Liverpool. April 1881. 14.
——— Busk, 'Challenger,' xxx. 167.
——— Waters, A. M. N. H. 5. xx. 191.
——— McCoy, P. Z. V. decade xiv. 146.
——— MacGill. C. V. 24.

1487. SCHIZOPORELLA TUBEROSA, Reuss; Waters, A.M.N.H. 5. xx. 192.
Eschara tuberosa, Reuss, 'Septarienthon.' xxv. 188. Plate vi. fig. 9, 10. Plate viii. fig. 1.
Schizoporella biturrita, Hincks, A. M. N. H. 5. xiv. 280. [W.]
? *Eschara Huttoni tate*, Hutton, Tr. Roy. Soc. Tasmania, 1877. 24.

1488. SCHIZOPORELLA TUMIDA, Hincks, A. M. N. H. 5. viii. sep. 61.
——— Hincks, Lit. Phil. Soc. Liverpool. April 1881. 14.

1489. SCHIZOPORELLA TUMULOSA, Hincks, A. M. N. H. 5. x. [252.
——— Hincks, A. M. N. H. 5. xi.
——— Hincks, P. Q. C. I. 19.

1490. SCHIZOPORELLA UMBONATA, Busk ; Hks. B.M.P. 264.
Lepralia umbonata, Busk, Q. J. M. S. viii. 143.

1491. SCHIZOPORELLA UNICORNIS, Johnston ; Hks. B.M.P. 238.
Lepralia unicornis, Johnston, B. Z. ed. 2. 320.
——— Landsb. B. Z. 322.
——— Alder, T. T. F. C. sep. 49.
——— Hincks, A. M. N. H. 3. ix. sep. 41.
——— Busk, Q. J. M. S. iv. 309.
——— Busk, Crag Polyzoa, 45.
——— Manzoni, Bri. plioc. It. ii. 8. [W.]
——— Seguenza, Form. terz. Reggio, 369.
Lepralia spinifera, Busk, B. M. C. Plate lxxx. fig. 5–7, and Plate xci. fig. 1, 2.
L. spinifera, var. *unicornis*, Heller, Bry. Adr. 1867. 104.
L. spinifera, var. *serialis*, Heller, Bry. Adr. 1867. 104.
Escharina variabilis, Leidy, Jour. Acad. N. Sc. Philad. 2. iii. 142. [H.]
Escharella variabilis, Verrill, R. I. V. S. extr. 419.
——— Verrill, Rep. U.S. Fish. Com. 1873. 293.
Hippothoa variabilis, Verrill, Proc. Ac. N. Sc. Philad. 305.
Escharina unicornis, Gray, B. M. C. i. 124.
Lepralia variolosa, Desor non Johnst. Proc. Bos. S. N. H. iii. 66. [V.]
Mollia unicornis, Fischer, Bry. Sud-ouest France, 22. [P.]
Mollia spinifera, Fischer, Bry. Sud-ouest France, 22. [P.]
? *Escharina Isabelleana*, d'Orbigny, Voy. Am. 12. [H.]
? *Hippothoa Isabelleana*, Smitt, F. B. ii. 44.
? *Reptoporina isabelleana*, d'Orbigny, P. F. T. C. v. 442.
Lepralia tetragona, Reuss, Bry. mioc. d'Aust. ii. 159. (19.) [W.]
Cellepora tetragona, Reuss, Wien. tert. 78.
Lepralia tetragona, Manzoni, Bry. plioc. It. iii. 8. [W.]
——— Manzoni, Bry. plioc. It. i. 22.
Reptoporina tetragona, d'Orbigny, P. F. T. C. 442.
Lepralia spinifera, var. *unicornis*, Manz. Bry. plioc. It. i. 23.
Cellepora Dunkeri, Reuss, Wien. tert. 90. [W.]
——— Reuss, 'Oberoligocän,' ii. 27.
Reptescharellina Dunkeri, d'Orbigny, P. F. T. C. 542.

SCHIZOPORELLA UNICORNIS, JOHNSTON (*continued*)—
Lepralia ansata, Manzoni, 'Castrocaro,' 19.
Lepralia ansata, var. *porosa*, Reuss, Bry. mioc. d'Aust. i. 18.
——— Waters, 'Bruccoli,' 7.
Lepralia ansata, var. *tetragona*, Reuss, Bry. mioc. d'Aust. i. 19.
Lepralia ansata, var. *porosa*, Waters, A. M. N. H. 5. iii. 32.
Lepralia radiato-porosa, Seguenza, Form. terz. Reggio, 129. [P.]
Eschara quadrilatera, Seguenza, Form. terz. Reggio, 207. [P.]
Schizoporella tetragona, Pergens, 'Rhodes,' 24.
——— Pergens, 'Tasmajdan,' 12.
Schizoporella unicornis, Pergens, Bry. mioc. Russ. Mérid. 5.
Berenicea coccinea, Johnston, Trans. N. H. Soc. Newc. ii. 267.
Lepralia coccinea, Johnston, B. Z. ed. i. 278. [H.] [H.]
——— Couch, Corn. Faun. iii. 115.

1491*a*. S. UNICORNIS, form ANSATA, HINCKS, B. M. P. 239.
Escharina ansata, Gray, B. M. C. i. 124.
——— Verrill, 15th Rep. U.S. Nat. Mus. 149.
Lepralia ansata, Hincks, A. M. N. H. 3. ix. 201. sep. 70.
——— Johnston, B. Z. ed. 2. 324.
——— Busk, Crag Polyzoa, 45.
——— Landsb. B. Z. 308.
——— Heller, Bry. Adr. 1867. 105.
——— Manzoni, Supp. Bry. Med. 9.
——— Manzoni, Bry. plioc. It. iii. 9.
——— Manzoni, 'Rhodes,' 64.
——— Reuss, Bry. mioc. d'Aust. i. 158. (18.)
——— Seguenza, Form. terz. Reggio, 81, 129, 201, 295, 328, 369.
Lepralia spinifera, Manzoni, Bry. plioc. It. i. Plate ii. fig. 11.
Mollia vulgaris, form *ansata*, Smitt, K. S. B. 1867. 15.

1491*b*. S. UNICORNIS, form LONGIROSTRIS, HKS. ; A.M.N.H. 5. xvii. 266.

1492. SCHIZOPORELLA VENTRICOSA, HASWELL.
Orchopora ventricosa, Haswell, Proc. Lin. Soc. of N. S. W. 5. part i. 36.
? *Schizoporella ventricosa*, Waters, 'Curdies Creek,' 338.
——— Waters, 'Bairnsdale,' 511.

1493. SCHIZOPORELLA VENUSTA, NORMAN ; Hks. B.M.P. 276.
——— Kirkpatrick, A. M. N. H. 6. i. 76.
Lepralia venusta, Norman, A. M. N. H. Jan. 1864. 84.

1494. SCHIZOPORELLA VITREA, MACGILLIVRAY, C. V. 24.
Lepralia vitrea, McCoy, P. Z. V. decade iv. 32.

1495. SCHIZOPORELLA VULGARIS, Moll; Hks. B. M. P. 244.
——— Hincks, A. M. N. H. 5. xix. 302.
——— Waters, 'Aldinga,' 300.
——— Pergens, Bry. Nord-ouest Méd. 8.
——— Pergens, Bry. mioc. Russ. Mérid. 5.
Eschara vulgaris, Moll, 'Eschara,' ed. 1803. 55.
——— Moll, 'die Seerinde,' 61.
Cellepora vulgaris, Lamx. P. C. F. 94.
——— Lamx. Ency. méth. xiv. 184.
Escharina vulgaris, Lamk. An. s. V. ed. 2. ii. 231.
Lepralia vulgaris, Hincks, A. M. N. H. 3. ix. 203. sep. 43.
——— Waters, A. M. N. H. 5. iii. 31.
——— Waters, 'Bruccoli,' 5.
——— Busk, Q. J. M. S. vi. 127.
——— Seguenza, Form. terz. Reggio, 202, 295, 369.
Reptoporina vulgaris, d'Orbigny, P. F. T. C. 443.
Lepralia alba, Hincks, Q. J. M. S. viii. 275. '*armata*' in plate.
——— Busk, Q. J. M. S. viii. 284.
Cellepora otophora, Reuss, Wien. tert. 90. [W.]
——— d'Orbigny, P. F. T. C. 399.
Lepralia otophora, Reuss, 'Oberoligocän,' ii. 28.
——— Reuss, Bry. mioc. d'Aust. 164. (24.)
——— Reuss, 'Septarienthon.' 178. sep. 62.
——— Seguenza, Form. terz. Reggio, 82, 129.
Lepralia intermedia, Reuss, Bry. mioc. d'Aust. 20. [W.]
? *Pachykraspedon otophorum*, Reuss; Koschinsky, Bry. tert. Bay. sep. 42.
? *Lepralia cognata*, Reuss, 'Septarienthon.' 62.
? *Lepralia tumida*, Manzoni, 'Castrocaro,' 25.
? ——— Seguenza, Form. terz. Reggio, 202.
? *Lepralia Stossici*, Heller, Bry. Adr. 1867. 107.
? *Lepralia Botterii*, Heller, Bry. Adr. 1867. 106.

1496. SCHIZOPORELLA WOOSTERI, MacGillivray, C. V. 25.
——— MacGill. Tr. Roy. Soc. Vic. 1886.
——— MacGill. Descr. new Polyzoa, xi. 6.

1497. SCHIZOPORELLA SP., Haswell, Proc. Lin. Soc. of N.S.W. v. part i.

1498. SCHIZOTHECA DIVISA, Norman; Hks. B. M. P. 285.
Lepralia divisa, Norman, A. M. N. H. Jan. 1864. 86.

1499. SCHIZOTHECA FISSA, Busk; Hks. B. M. P. 284.
——— Hincks, A. M. N. H. 5. xix. 303.
Lepralia fissa, Busk, Q. J. M. S. iv. 308.
——— Waters, A. M. N. H. 5. iii. 43.

1500. SCHIZOTHECA FISSURELLA, Hincks, A. M. N. H. 5. xi.
——— Hincks, P. Q. C. I. 21.
Schizoporella fissurella, Hincks, A. M. N. H. 5. x. 253.

1501. SCHIZOTHECA LEPIDA, Jullien, Bull. Soc. Zool. France, 1881. sep. 9.

1502. SCORPIODINA, genus only, Jullien, Bull. Soc. Zool. France, 1886. sep. 11.

1503. SCRUPARIA CLAVATA, Hincks, Q. J. M. S. v. 176.
——— Hincks, B. M. P. 24.
——— Hincks, A. M. N. H. 6. iii. 431.
——— Norman, Q. J. M. S. n.s. viii. 212.
——— Busk, Q. J. M. S. n.s. v. Plate xvii. fig. 5–8.

1504. SCRUPOCELLARIA AMERICANA, Packard, Inv. Faun. Labr. i. 2. 273.
——— Packard, Canad. Nat. 409.

1505. SCRUPOCELLARIA ANNECTENS, MacGillivray, Tr. Roy. Soc. Vic. 1887.
——— MacGill. Descr. new Polyzoa, xii. 6.

1506. SCRUPOCELLARIA BERTHOLLETII, Audouin; Hks. A. M. N. H. 5. xvii. 258.
——— Ostroumoff, Trud. obsch. est. xvi.
Acamarchis Bertholletii, Savigny, Zool. Egypt. Plate xi. fig. 3.
Cellularia gracilis, d'Orbigny, P. F. T. C. 50.
Scrupocellaria capreolus, Heller, Bry. Adr. 1867. 87.

1507. SCRUPOCELLARIA BREVISETIS, Hincks, A M.N.H. 5. x.
——— Hincks, P. Q. C. I. 5.

1508. SCRUPOCELLARIA CERVICORNIS, Busk, B. M. C. i. 24.
——— Busk, Voy. Ratt. i. 370.
——— Hincks, A. M. N. H. 5. xi. sep. 103.
——— McCoy, P. Z. V. decade xiii. 101.
——— MacGill. C. V. 14.
Cellularia cervicornis, Smitt, F. B. i. 14.

1509. SCRUPOCELLARIA CILIATA, Audouin.
Crisia ciliata, Savigny, Zool. Egypt. Plate xii. fig. 2.
Canda ciliata, d'Orbigny, P. F. T. C. 332.

1510. SCRUPOCELLARIA CRASSA, Van Beneden.

1511. SCRUPOCELLARIA CYCLOSTOMA, Busk, B. M. C. i. 24
——— Busk, Voy. Ratt. i. 370.
——— McCoy, P. Z. V. decade xiii. 99.
——— MacGill. C. V. 14.

1512. SCRUPOCELLARIA DIADEMA, Busk, B. M. C. i. 24.
——— Busk, Voy. Ratt. i. 370.

1513. SCRUPOCELLARIA FEROX, Busk, B. M. C. i. 25.
——— Busk, Voy. Ratt. i. 370.

1514. SCRUPOCELLARIA MACANDREI, Busk, B. M. C. i. 24.
——— Busk, J. R. M. S. viii. 281.
——— Busk, Q. J. M. S. n.s. i. 77.
——— Busk, 'Challenger,' xxx. 23.
——— Heller, Bry. Adr. 1867. 87.
? *Crisia Delilei*, Savigny, Zool. Egypt. Plate xii. fig. 3.
? *Cellularia Savignyi*, d'Orbigny, P. F. T. C. 50.

1515. SCRUPOCELLARIA MADERENSIS, Busk, Q. J. M. S. n.s. i. 77.
——— Busk, Q. J. M. S. viii. 280.

1516. SCRUPOCELLARIA MARSUPIATA, Jullien, 'Travailleur,' 10.
——— Waters, 'Challenger,' lxxix. 9.
Menipea clausa, Busk, 'Challenger,' xxx. 20.

1517. SCRUPOCELLARIA MINUTA, Kirkpatrick, A. M. N. H. 6. i. 73.

1518. SCRUPOCELLARIA OBTECTA, Haswell, Proc. Lin. Soc. of N.S.W. v. part 1.
——— Hincks, A. M. N. H. 5. xi. sep. 102.
——— McCoy, P. Z. V. decade xiii. 100.
——— MacGill. C. V. 14.

1519. SCRUPOCELLARIA ORNITHORHYNCHUS, Wyv. Th. J. M. S. Jan. 1859.
——— McCoy, P. Z. V. decade xiii. 102.
——— MacGill. C. V. 14.
——— Wyv. Thompson, Dub. U. Zool. Bot. Assoc. i. 90.
——— Wyv. Thompson, Dub. N. H. Rev. 1858. 144.
——— Busk, 'Challenger,' xxx. 24.
? *Scrupocellaria clypeata*, Haswell, Proc. Lin. Soc. of N.S.W. v. part 1.

1520. SCRUPOCELLARIA PILOSA, Busk, non Aud. 'Challenger,' xxx. 24.

1521. SCRUPOCELLARIA PUSILLA, Smitt; Jullien, 'Travailleur,' 10.
Cellularia pusilla, Smitt, F. B. i. 13.

1522. SCRUPOCELLARIA REPTANS, Linn.; Gray, B.M.C. i. 112.
——— Hincks, B. M. P. 52.
——— MacGill. C. V. 14.

SCRUPOCELLARIA REPTANS, Linn. (*continued*)—

Sertularia reptans, Linn. Syst. Nat. ed. 10. 815.
——— Linn. Syst. Nat. ed. 12. 1315.
——— Linn. Syst. Nat. ed. Gmel. 3860.
——— Linn. Turton, iv. 685.
——— Fabr. Faun. Grönl. 445.
——— Olivi, Zool. Adr. 290.
——— Stewart, Elem. ii. 448.
Cellularia reptans, Pallas, Elenchus, 73.
——— Bruguiére, Ency. méth. 442, 450.
——— Fleming, B. A. 540.
——— Johnston, B. Z. ed. 1. 291.
——— Johnston, B. Z. ed. 2. 337.
——— Hassall, A. M. N. H. vi. 172.
——— MacGill. A. M. N. H. ix. 468.
——— Couch, Zooph. Cornw. 57.
——— Couch, Corn. Faun. iii. 127.
——— Reid, A. M. N. H. xvi. 385.
——— Dalyell, R. R. An. Scot. i. 235.
——— Landsb. B. Z. 339.
——— Alder, T. T. F. C. iii. 148. sep. 58.
——— Bellamy, Nat. Hist. S. Devon. 270.
——— Waters, A. M. N. H. 5. iii. 117.
——— Smitt, K. S. B. 1867. 284.
——— Lansweert, Zooph. litt. Belge, iii. 117.
——— Winther, Bry. Danmark, sep. 16.
——— Maitland, Faun. Belg. 19.
——— d'Orbigny, P. F. T. C. 50.
Bicellaria reptans, Blainv. D. S. N. lx. 423.
——— Blainv. M. d'A. 459.
Canda reptans, Busk, B. M. C. i. 26.
——— Hincks, A. M. N. H. 3. ix. 23.
——— Gosse, Mar. Zool. ii. 11.
——— Peach, Jour. Roy. Inst. Cornw. xix. sep. 3.
——— Peach, Jour. Lin. Soc. xiii. 480.
——— Smitt, Bidr. Känn. Hafs-Br. Utv. sep. 28.
——— Heller, Bry. Adr. 1867. 87.
Cellaria reptans, Solander, Zooph. 23.
——— Lamk. An. s. V. ed. 1. ii. 141.
——— Lamk. An. s. V. ed. 2. ii. 191.
——— Lamk. Tabl. en méth. xxiii. Plate cccclxxvii. fig. 2.
——— Johnston, Trans. N. H. Soc. Newc. ii. 262.
Crisia reptans, Lamx. P. C. F. 140.
——— Lamx. Pol. Coral. 60.
——— Lamx. Ency. méth. xiv. 225.
——— Risso, Eur. Mérid. v. 318.

SCRUPOCELLARIA REPTANS, Linn. (*continued*)—
Crisia reptans, M. Edw. in Cuv. Règne An. Plate lxix. fig. 1, 1 A.
——— Westendorp, Pol. Flex. Belg. extr. 17.
——— Templeton, Mag. Nat. Hist. ix. 469.
Scruparia reptans, Verrill, Am. Jour. Sci. Art. 3. xviii. 53.
——— Verrill, Cont. Zool. Mus. Yale Coll. No. xliii.
——— Oken, Lehrb. Nat. Zool. ii. 90.
Sertularia repens, Berkenhout, Synopsis, i. 220. [J.]
Acamarchis Geoffroyi, Savigny, Zool. Egypt. Plate xi. fig. 4. [H.]
——— Audouin, Expl. i. 241.
Cellularia ornata, d'Orbigny, P. F. T. C. 50.
Corallina cellifera, Ellis, N. H. C. Eng. ed. 37.
——— Ellis, N. H. C. Fr. ed. 52.
Creeping Coralline, Ellis, N. H. C. 37.
——— Couch, Corn. Faun. iii. 127.
Kruipend korall, Ellis, Koraalgew. bl. 48. No. 3. Plate xx. fig. b, B.
——— Pallas, Plantd. bl. 90. No. 31.
——— Houttuyn, xvii. bl. 589. No. 36. Plate cxxxviii. fig. 3.
Kruip-korallijn, Benn. en Oliv. xv. 2. bl. 198. No. 28.

1523. SCRUPOCELLARIA SCABRA, Van Ben.; Hks. B. M. P. 48.
——— Hincks, A. M. N. H. 6. iii. 427.
——— Ridley, A. M. N. H. 1881. 444.
——— Norman, Q. J. M. S. n.s. viii. 214.
——— Busk, Jour. Lin. Soc. xv. 231.
——— Lorenz, 'Jan Mayen,' sep. 2.
——— Levinsen, 'Kara-Havet,' 6.
——— Waters, 'Muddy Creek,' 433.
Cellarina scabra, Van Ben. Bull. Brux. xv. i. 73.
——— Lansweert, Zooph. litt. Belge, iii. 117.
——— Verrill, Am. Jour. Sci. Art. 3. xviii. 53.
——— Verrill, Cont. Zool. Mus. Yale Coll. No xliii.
Cellularia scabra, form *typica*, Smitt, K. S. B. 1867. 283.
——— Winther, Bry. Danmark, sep. 16.
Sertularia halecina, Fabr. Faun. Grönl. 443. [H.] [Nor.]
Flustra scruposa, Fabr. Vid. Selsk. Phys. Skr. Havniæ, 1821. 33.
Scrupocellaria scrupea, Busk, Q. J. M. S. iii. 254. [H.]
Scrupocellaria Delilii, Alder, Q. J. M. S. n.s. iv. 107. sep. 13. [H.]
——— Busk, Q. J. M. S. vii. 65. [H.]
Cellularia scrupea, Alder, T. T. F. C. iii. 148. sep. 58. [H.]
? *Scrupocellaria scruposa*, Sars, N. Mag. Nat. B.6. 149.

1524. SCRUPOCELLARIA SCRUPEA, Busk, A. M. N. H. 2. vii. 83.
——— Busk, B. M. C. i. 24.
——— Norman, Q. J. M. S. n.s. viii. 214. sep. 3.
——— Hincks, B. M. P. 50.

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——— Waters, A. M. N. H. 5. xx. 88.
——— Landsb. B. Z. 343.
——— Heller, Bry. Adr. 1867. 86.
——— Seguenza, Form. terz. Reggio, 327, 367.
——— Hutton, N. Z. Cat. 183.
——— Kirchenpauer, 'Pomerania,' 180.
——— McCoy, P. Z. V. decade xiii. 101.
——— MacGill. C. V. 14.
Cellularia scrupea, Alder, T. T. F. C. sep. 58.
——— Waters, A. M. N. H. 5. iii. 117.

1525. SCRUPOCELLARIA SCRUPOSA, Linn.; Hincks, B. M. P. 45.
——— Van Ben. Mem. Brux. xviii. 43, 50. sep. 19, 26.
——— Gray, B. M. C. i. 111.
——— Gosse, Mar. Zool. ii. 11.
——— Busk, B. M. C. i. 25.
——— Heller, Bry. Adr. 1867. 87.
Non ——— Hutton, N. Z. Cat. 183.
——— Vigelius, Bry. 'Oosterschelde,' Supp. i. 546.
——— Seguenza, Form. terz. Reggio, 196, 294, 327, 367.
——— Pergens, Bry. mioc. Russ. Mérid. 3.
——— Pergens, Bry. Nord-ouest Méd. 7.
——— Pergens, 'Rhodes,' 13.
? ——— Busk, Crag Polyzoa, 19.
——— Manzoni, 'Rhodes,' 61.
——— Lansweert, Zooph. litt. Belge, iii. 117.
——— Peach, Jour. Roy. Inst. Cornw. xix. sep. 2.
——— Peach, Jour. Lin. Soc. Zool. xiii. 479.
Cellularia scruposa, Pallas, Elenchus, 72.
——— Fleming, B. A. 539.
——— Johnston, B. Z. ed. 1. 291.
——— Johnston, B. Z. ed. 2. 336.
——— Hassall, A. M. N. H. vi. 172.
——— MacGill. A. M. N. H. ix. 468.
——— Reid, A. M. N. H. xv. 69.
——— Reid, A. M. N. H. xvi. 388.
——— Hincks, A. M. N. H. 3. ix. 23.
——— Waters, A. M. N. H. 5. iii. 117.
——— Couch, Zooph. Cornw. 57.
——— Couch, Corn. Faun. iii. 126.
——— Bellamy, Nat. Hist. S. Dev. 270.
——— Landsb. B. Z. 339.
——— Smitt, K. S. B. 1867. 285.
——— Smitt, Ofv. Vet. Ak. Förh. 8, 23, 33, 34.
——— Winther. Bry. Danmark, sep. 16.

SCRUPOCELLARIA SCRUPOSA, Linn. (*continued*)—
Cellularia scruposa, Alder, T. T. F. C. sep. 58.
——— Verrill, Am. Jour. Sci. Art. 3. xviii. 53.
——— Verrill, Cont. Zool. Mus. Yale Coll. No. xliii.
——— Maitland, Faun. Belge, 70.
——— Bruguiére, Ency. méth. 442, 451.
——— d'Orbigny, P. F. T. C. 50.
——— Fischer, Bry. Sud-ouest France, 13.
Sertularia scruposa, Linn. Syst. Nat. ed. 10. 815.
——— Linn. Syst. Nat. ed. 12. 1315.
——— Linn. Syst. Nat. ed. Gmel. 3859.
——— Linn. Turton, iv. 685.
——— Linn. Faun. Suec. ed. 2. 542.
——— Esper, Pflanzen. Plate xv. fig. 1–3.
——— Stewart, Elem. ii. 44.
——— Jameson, Wern. Mem. 1809. 565.
——— Berk. Synopsis, i. 220.
Cellaria scruposa, Solander, Zooph. 23.
——— Bosc, Vers, iii. 110.
——— Lamk. An. s. V. ed. 1. ii. 141.
——— Lamk. An. s. v. ed. 2. ii. 192.
——— Johnst. Trans. N. H. Soc. Newc. ii. 261.
Crisia scruposa, Lamx. P. F. C. 139.
——— Lamx. Pol. Corall. 60.
——— Westendorp, Pol. Flex. Belg. extr. 17.
——— Templeton, Mag. Nat. Hist. ix. 469.
Scruparia scruposa, Oken, Lehrb. Nat. Zool. ii. 90.
Bicellaria scruposa, Blainv. D. S. N. lx. 423.
——— Blainv. M. d'A. 459.
Corallina cellifera, Ellis, N. H. C. Eng. ed. 38.
——— Ellis, N. H. C. Fr. ed. 53.
Celliferous Coralline, Ellis, Phil. Trans. xlviii. Plate xiii. No. 7.
——— Ellis, Phil. Trans. abridged, x. 493.
Creeping stony coralline, Ellis, N. H. C. 38.
——— Couch, Corn. Faun. iii. 126.
Kruipend steenachtig korall. Ellis, bl. 50. No. 4. Plate xx. fig. c. C.
Steenacht. kruipend korall. Pallas, Plantd. bl. 89. No. 27.
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——— Benn. en. Oliv. xv. 2. bl. 197. No. 27.
Scrupocellaria elliptica, Hincks, B. M. P. 46.
——— Reuss, Bry. mioc. d'Aust. i. 8.
——— Reuss, 'Crosaro,' 48.
——— Reuss, Bry. ält. tert. ii. 48.
——— Seguenza, Form. terz. Reggio, 79, 196, 294.
——— Manzoni, 'Castrocaro,' 3.
Bactridium ellipticum, Reuss, Wien. tert. 56. [P.]

SCRUPOCELLARIA SCRUPOSA, Linn. (*continued*)—
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Bactridium granuliferum, Reuss, Wien. tert. 56. [P.]
Bicellaria granulifera, Reuss, Deutsch. geol. Gesell. 1851. 165.
Canda granulifera, Reuss, Foss. Faun. Wieliczka, 95. [P.] [P.]
——— d'Orbigny, P. F. T. C. 332.
Scrupocellaria inermis, Norman, B. A. Rep. 1866. 203.
——— Norman, Q. J. M. S. n.s. viii. 215.
——— Kirchenpauer, Cat. E. Grönl. 418.
Cellularia scabra, form *elongata*, Smitt, K. S. B. 1867. 284. [K.]

See Dr. Pergens on these synonyms in his paper, 'Pliocäne Bryozoën von Rhodos.'

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1526. SCRUPOCELLARIA SECURIFERA, Busk, 'Challenger,'

1527. SCRUPOCELLARIA SPATULATA, d'Orbigny.
Cellularia spatulata, d'Orbigny, P. F. T. C. 50.
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? ——— Risso, Eur. Mérid. v. 319.
? ——— Lamx. P. C. F. 139.
? ——— Lamx. Ency. méth. xiv. 225.
? *Cellularia pilosa*, Pallas, Elenchus, 72.
? ——— Bruguiére, Ency. méth. 451. No. 11.
? *Bicellaria pilosa*, Blainv. M. d'A. 459.

1528. SCRUPOCELLARIA VARIANS, Hincks, A. M. N. H. 5. x.
——— Hincks, P. Q. C. I. 4.

1529. SELENARIA CONCINNA, T.-Woods; Waters, A. M. N. H. 5. xx. 201.
——— T.-Woods, Trans. Roy. Soc. of S. Australia, iii. 10.

1530. SELENARIA MACULATA, Busk, B. M. C. ii. 101.
——— Waters, 'Muddy Creek,' 440.
——— Waters, 'Aldinga,' 309.
——— MacGill. C. V. 38.
——— Waters, 'Challenger,' lxxix. 37.
——— Waters, A. M. N. H. 5. xx. 201.
——— Haswell, Polyzoa of Queensland, 42.
Lunulites maculata, Busk, Voy. Ratt. i. Plate i. fig. 15, 16.

1531. SELENARIA MARGINATA, T.-Woods, Trans. Roy. Soc. of S. Aus. iii. 9.
——— Waters, 'Curdies Creek,' 344.

1532. SELENARIA PUNCTATA, T.-Woods, Trans. Roy. Soc. of S. Aus. iii. 9.
——— Waters, A. M. N. H. 5. xx. 201.
——— Waters, 'Muddy Creek,' 440.
Selenaria fenestrata, Haswell, Proc. Lin. Soc. of N.S.W. v. part 1.

1533. SETOSELLA FOLINI, JULLIEN, 'Travailleur,' 27.

1534. SETOSELLA VULNERATA, BUSK; Hks. B. M. P. 181.
——— Hincks, A. M. N. H. 5. vi. sep. 5.
——— Hincks, A. M. N. H. 4. xx. 529.
——— Jullien, 'Travailleur,' 28.
Membranipora vulnerata, Busk, Q. J. M. S. viii. 124.
——— Norman, B. A. Rep. 1867. 305.
Cupularia vulnerata, Smitt, F. B. ii. 14.

1535. SIPHONOPORELLA NODOSA, HINCKS, A. M. N. H. 5. vi. sep. 22.

1536. SMITTIA AFFINIS, HINCKS, B. M. P. 348.
Lepralia affinis, Hincks, A. M. N. H. 3. ix. 206. sep. 46.

1536*a*. S. AFFINIS, var. ACUMINATA, RIDLEY, Proc. Zool. Soc. 1881. 52.

1537. SMITTIA ANCEPS, MACGILLIVRAY; Waters, 'Curdies Creek,' 337.
——— Waters, 'Bairnsdale,' 510.
Lepralia anceps, McCoy, P. Z. V. decade iv. 23.
Schizoporella anceps, MacGill. C. V. 25.

1538. SMITTIA BELLA, BUSK; Hks. B. M. P. 352.
Lepralia bella, Busk, Q. J. M. S. viii. 144.

1539. SMITTIA CALCEOLUS, MACGILLIVRAY, Descr. new Polyzoa, xi. 6.
——— MacGill. Tr. Roy. Soc. Vic. 1886.
——— MacGill. C. V. 27.

1540. SMITTIA CERVICORNIS, PALLAS; Hks. A. M. N. H. 5. xix.
——— Pergens, Bry. Nord-ouest Méd. 8.
——— Pergens, 'Lu'zanska,' 71.
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——— Pergens, 'Tasmajdan,' 8.
——— Lamx. Ency. méth. xiv. 375.
——— Lamk. An. s. V. ed. 1. ii. 176.
——— Lamk. An. s. V. ed. 2. ii. 269.
——— Blainv. D. S. N. xv. 297.
——— Blainv. M. d'A. 428.
——— M. Edw. 'Sur les Eschares,' 19.
——— Heller, Bry. Adr. 1867. 114.
——— Waters, A. M. N. H. 5. iii. 124.
——— Waters, 'Bruccoli,' 12.
——— Seguenza, Form. terz. Reggio, 208, 296, 329, 371.
——— Grube, 'die Inseln Lussin,' 68.

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——— Busk, Q. J. M. S. iii. 322.
? ——— Kirchenpauer, Cat. E. Grönl. 424.
——— d'Orbigny, P. F. T. C. 344.
——— Whiteaves, 'St. Lawrence,' 11.
——— Risso, Eur. Mérid. v. 342.
——— Manzoni, 'Castrocaro,' 37.
——— Manzoni, 'Rhodes,' 66.
Eschara sp. Manzoni, 'Rhodes,' 66. [P.]
Millepora cervicornis, Pallas, Elenchus, 252.
? ——— Solander, Zooph. 134.
——— Olivi, Hist. Adr. ed. 1792. 224.
——— Marsigli, Hist. mer. Plate xxxii. fig. 152.
——— Linn. Syst. Nat. ed. Gmel. 3784.
? *Porus cervinus*, Imp. Dell' Istoria Nat. 630.
? ——— Imp. Latin edition, 1699. 820.
——— Bonanius, Mus. Kirch. 286.
? *Porus cervinus minor*, Marsigli, Hist. phys. mer. 144.
——— Marsigli, Hist. phys. mer. ed. 1725. 63.
Eschara papillosa, Reuss, Wien. tert. 68.
Eschara obesa, Reuss, Wien. tert. 68.
Eschara undulata, Reuss, Wien. tert. 68.
——— Reuss, Foss. Faun. Wieliczka, 98.
Eschara varians, Reuss, Wien. tert. 70.
Eschara undulata, Manzoni, 'Rhodes,' 66.
——— Manzoni, Bry. mioc. d'Aust. ii. 13.
——— Locard, Faun. terr. moyen Corse, 210.
——— Seguenza, Form. terz. Reggio, 84, 131, 208, 296, 371.
Porina papillosa, Koschinsky, Bry. tert. Bay. 37.
Porina varians, Koschinsky, Bry. tert. Bay. 39.

1541. SMITTIA CHEILOSTOMA, Manzoni ; Hks. B. M. P. 349.
Lepralia cheilostoma, Manzoni, Bry. plioc. It. iii. 13.
Smittia cheilostoma, Pergens, 'Rhodes,' 30.
Lepralia ligulata, Manzoni, Bry. plioc. It. iv. 12.
——— Manzoni, Supp. Bry. Med. 9.
——— Seguenza, 205, 329, 371.

1542. SMITTIA CONTORTA, Kirchenpauer.
Hemeschara (?) *contorta*, Kirch. Cat. E. Grönl. 422.
? *Escharella porifera*, form *cancellata*, Smitt, K. S. B. 1867. 9.

1543. SMITTIA CRIBRARIA, MacGillivray, C. V. 27.
——— MacGill. Tr. Roy. Soc. Vic. 1885.
——— MacGill. Descr. new Polyzoa, ix. 6.

1544. SMITTIA DELICATULA, Busk; Waters, 'Challenger,' lxxix. 25.
Mucronella delicatula, Busk, 'Challenger,' xxx. 156.

1545. SMITTIA GLOBIFERA, Packard; Verrill, Proc. U.S. Nat. Mus. 192.
Lepralia globifera, Packard, Canad. Nat. viii. 408.
——— Packard, Inv. Faun. Labr. i. 2. 271.

1546. SMITTIA GRACIOSA, Busk, 'Challenger,' xxx. 154.
Lepralia graciosa, Busk, 'Challenger,' Plate xxii. fig. 13.
? *Porella concinna*, var. *gracilis*, Hks. B. M. P. 324.

1547. SMITTIA LANDSBOROVII, Johnston; Hks. B. M. P. 341.
——— Ridley, Proc. Zool. Soc. Jan. 1881. 52.
——— Waters, A. M. N. H. 5. xx. 195.
——— Waters, 'Aldinga,' 300.
——— Waters, Tert. Bry. N. Z. 58.
——— MacGill. C. V. 27.
——— Lorenz, 'Jan Mayen,' sep. 9.
Lepralia Landsborovii, Johnston, B. Z. ed. 2. 310.
——— Landsb. B. Z. 310.
——— Gray, B. M. C. i. 119.
——— Busk, Q. J. M. S. iv. 309.
——— Busk, B. M. C. ii. 66. Plate cii. fig. i. (*reticulata*). [H.]
——— Hincks, Q. J. M. S. viii. 277.
——— Hincks, A. M. N. H. 3. ix. 200. sep. 40.
——— Kirch. Cat. E. Grönl. 420.
Eschara Lansborovii, Alder, J. M. S. n.s. iv. 105. sep. 11.
Escharella Landsborovii, Smitt, F. B. ii. 60.
——— Levinsen, 'Kara-Havet,' 17. [fig. 63.
——— form *typica*, (pars) Smitt, K. S. B. 1867. 12. Plate xxiv.
Hemeschara Landsborovii, Busk, Jour. Lin. Soc. xv. 328.
? *Escharella porifera*, form *minuscula*, Smitt, K. S. B. 1867. 9. [H.]
? *Escharella porifera*, form *majuscula*, Smitt, K. S. B. 1867. 9. [H.]
Escharella pertusa, Smitt, K. S. B. 1878. 21.
Eschara foliacea, *var.* Alder, T. T. F. C. 151.

1547*a*. S. LANDSBOROVII, form CRYSTALLINA, Norman; Hks. B. M. P. 342.
Lepralia crystallina, Norman, B. A. Rep. 1866. 204.

1547*b*. S. LANDSBOROVII, form β. ? PORIFERA, Smitt; Hks. B. M. P. 343.
S. Landsborovii, form *porifera*, Smitt; Hks. A. M. N. H. 6. i. 225.
Escharella porifera, form *typica*, Smitt, K. S. B. 1867. 9.
Smittia porifera, Lorenz, 'Jan Mayen,' sep. 10.
Lepralia porifera, Hincks, A. M. N. H. 4. xix. 102.
Smittia porifera, Hincks, A. M. N. H. 5. iii. 161.

1547*c*. S. LANDSBOROVII, form PORINOIDES, MacGillivray, C. V. 27.

1547*d*. S. LANDSBOROVII, form PERSONATA, Hks. A. M. N. H. 5. xiv. 283.
Smittia Jacobensis, Busk, 'Challenger,' xxx. 153.
Hemeschara Jacobensis, Busk, 'Challenger,' Plate xix. fig. 7.

1547*e*. S. LANDSBOROVII, f. PERSONATA, var. PURPUREA, Hks. A. M. N. H. 5. xiv. 283.
S. Landsborovii, var. *purpurea*, Hks. A. M. N. H. 5. viii. 64.
——— Hks. Lit. Phil. Soc. Liverpool. April 1881. 16.

1548. SMITTIA LATIAVICULARIA, Kirkpatrick, A. M. N. H. 6. i. 80.

1549. SMITTIA MARIONENSIS, Busk, 'Challenger,' xxx. 152.
——— MacGill. C. V. 27.
Lepralia marionensis, Busk, B. M. C. ii. 67.
——— Manzoni, 'Castrocaro,' 23.
——— Seguenza, Form. terz. Reggio, 202.
Hemeschara marionensis, Busk, 'Challenger,' Plate xviii. fig. 6.

1550. SMITTIA MARMOREA, Hincks, B. M. P. 350.
——— Hincks, A. M. N. H. 5. vi. 11.
——— Kirkpatrick, A. M. N. H. 6. i. 80.
Lepralia marmorea, Hincks, A. M. N. H. 4. xx. 214.
? *Lepralia arrogata*, Waters, A. M. N. H. 5. iii. 39.
Smittia reticulata, var. *ophidiana*, Waters, A. M. N. H. 5. iii. 40. [W.]
Smittia oratavensis, Busk, 'Challenger,' xxx. 153. [W.]

1551. SMITTIA MARSUPIALIS, Busk, 'Challenger,' xxx. 151.
Hemeschara marsupialis, Busk, 'Challenger,' Plate xviii. fig. 1.

1552. SMITTIA MURARMATA, Kirkpatrick, A. M. N. H. 6. i. 80.

1553. SMITTIA MINIACEA, Jullien, 'Travailleur,' 19.

1554. SMITTIA MONACHA, Jullien, 'Cap Horn,' 52.

1555. SMITTIA NAPIERII, Waters, A. M. N. H. 6. iv. 17.
——— Waters, Tert. Bry. N. Z. 59.
——— Waters, 'Muddy Creek,' 438.

1556. SMITTIA NITIDA, Verrill; Hks. A. M. N. H. 5. vii. 46, [159.
Discopora nitida, Verrill, Am. Jour. Sci. ix. 415.
——— Verrill, Pr. Ac. N. S. Philad. 1878. 305.
Mucronella nitida, Verrill, Proc. U.S. Nat. Mus. 195.
——— Waters, 'Aldinga,' 293.
——— Waters, 'Bairnsdale,' 507.
——— Waters, Tert. Bry. N. Z. 55.

SMITTIA NITIDA, VERRILL (*continued*) –
L. reticulata, form *inæqualis*, Waters, A. M. N. H. 5. iii. 41. [W.]
S. reticulata, var. *spathulata*, MacGill. Tr. Roy. Soc. Vic. xix. 135. [W.]
——— MacGill. Descr. new Polyzoa. July 1882. 6.
S. reticulata, var. Hincks, A. M. N. H. 5. viii. 64. [W.]
——— Hincks, A. M. N. H. 5. xiv. 283.
——— Hincks, Lit. Phil. Soc. Liverpool. Ap. 1881. 16.
Smittia spathulata, MacGill. C. V. 27.
S. trispinosa, var. *ligulata*, Ridley, Proc. Zool. Soc. Jar.. 1881. 53. [W.]

1557. SMITTIA OBSTRUCTA, WATERS, A. M. N. H. 6. iv. 18.

1558. SMITTIA OCULATA, MACGILLIVRAY, C. V. 27.
——— MacGill. Tr. Roy. Soc. Vic. July 1882.
——— MacGill. Descr. new Polyzoa, ii. 6.
Smittia monacha, Jullien, 'Cap Horn,' 52.

1559. SMITTIA PRODUCTA, PACKARD; Hks. A. M. N. H. 6. iii. [430.
Lepralia producta, Packard, Inv. Faun. Labr. i. 2. 271.
——— Packard, Canad. Nat. viii. 401.

1560. SMITTIA PROPINQUA, SMITT.
Lepralia propinqua, Hincks, A. M. N. H. 4. xix. 103.
Eschara propinqua, Smitt, K. S. B. 1867. 22.

1561. SMITTIA PURPUREA, JULLIEN, 'Cap Horn,' 54.

1562. SMITTIA RETICULATA, J. MACGILLIVRAY; Hks. B. M. P. [346.
——— Lorenz, 'Jan Mayen,' sep. 10.
——— Kirkpatrick, A. M. N. H. 6. i. 81.
——— Waters, 'Gambier,' 272.
——— Waters, 'Bairnsdale,' 510.
——— Waters, 'Muddy Creek,' 438.
——— Waters, 'Aldinga,' 300.
——— Waters, Tert. Bry. N. Z. 58.
Lepralia reticulata, J. MacGill. A. M. N. H. ix. 467.
——— Johnston, B. Z. ed. 2. 317.
——— Landsb. B. Z. 317.
——— Couch, Corn. Faun. iii. 117.
——— Gray, B. M. C. i. 120.
——— Alder, T. T. F. C. 139. sep. 49.
——— Hincks, A. M. N. H. 3. ix. 200.
——— Busk, B. M. C. ii. 66.
——— Kirkpatrick, A. M. N. H. 6. i. 81.
? ——— Hutton, N. Z. Cat. 191.
——— Heller, Bry. Adr. 1867. 102.

SMITTIA RETICULATA, J. MacGillivray (*continued*)—
Lepralia reticulata, Manzoni, 'Castrocaro,' 31.
——— ? Manzoni, 'Rhodes,' 63.
——— Seguenza, Form. terz. Reggio, 82, 129, 205, 328, 370.
Escharella Legentilii, form *typica*, Smitt, K. S. B. 1867. 10.
——— form *prototypa*, Smitt, K. S. B. 1867. 10. [K.]
Escharina Legentilii, M. Edw. in Lamk. An. s. V. ed. 2. ii. 238.
Flustra Legentilii, Savigny, Zool. Egypt. Plate ix. fig. 1.
——— Audouin, Expl. 68.
Cellepora Legentilii, d'Orbigny, P. F. T. C. 401.
? *Escharina rimulata*, d'Orbigny, Voy. Am. 15. [K.]
? *Reptescharella rimulata*, d'Orbigny, P. F. T. C. 465.
Cellepora lateralis, Lóven, 1835, m.s. et Mus. Holm. [S.]
Escharella reticulata, Fischer, Bry. Sud-ouest France, 20.
——— Levinsen, 'Kara-Havet,' 15. [K.]
Flustra Montferrandii, Savigny, Zool. Egypt. Plate ix. fig. 14.
——— Audouin, Expl. i. 240.
Escharina Montferrandii, M. Edw. in Lamk. An. s. V. ed. 2. ii. 238.
Reptoporina Montferrandii, d'Orbigny, P. F. T. C. 443.
Lepralia Smittii, Kirchenpauer, Cat. E. Grönl. 420.
Reptoporina rugosa, d'Orbigny, P. F. T. C. 443.

1562*a*. S. RETICULATA, var. GALEATA, Busk.
Lepralia galeata, Busk, B. M. C. Plate xciv. fig. 1, 2.
——— Busk, 'Kerguelen,' 3.
——— Waters, A. M. N. H. 5. iii. 41.
——— Heller, Bry. Adr. 1867. 102.
Porina galeata, Ridley, Proc. Zool. Soc. 1881. 48.

1562*b*. S. RETICULATA, VAR. Ridley, Proc. Zool. Soc. 1881. 52.

1563. SMITTIA RETICULATO-PUNCTATA, Hincks.
Lepralia reticulato-punctata, Hincks, A. M. N. H. 4. xix. 103.
——— Lorenz, 'Jan Mayen,' sep. 6.
Escharella reticulato-punctata, Levinsen, 'Kara-Havet,' 14.
Escharella porifera, form *edentata*, Smitt, K.S.B. 1867. 9. [Lor.]

1564. SMITTIA RIGIDA, Lorenz, 'Jan Mayen,' sep. 9.
? *Escharella Landsborovii*, Smitt, K. S. B. 1867. Plate xxiv. fig. 75, 76.

1565. SMITTIA ROSTRIFORMIS, Kirkpatrick, A. M. N. H. 6. i. 80.

1566. SMITTIA SIGILLATA, Jullien, 'Cap Horn,' 54.

1567. SMITTIA SIGNATA, Waters, A. M. N. H. 6. iv. 17.

1568. SMITTIA SMITTIANA, Busk, 'Challenger,' xxx. 151.
——— Waters, 'Challenger,' lxxix. 25.
Hemeschara Smittiana, Busk, 'Challenger,' Plate xvii. fig. 3.
Smittia stigmatophora, Busk, 'Challenger,' xxx. 154. [W.]

1569. SMITTIA SPATHULIFERA, Hincks, A. M. N. H. 5. x. 255.
——— Hincks, A. M. N. H. 5. xiii.
——— Hincks, P. Q. C. I. 26.

1570. SMITTIA SPECTRUM, Jullien, 'Travailleur,' 19.

1571. SMITTIA STYLIFERA, Levinsen.
Escharella stylifera, Levinsen, 'Kara-Havet,' 17.

1572. SMITTIA TATEI, T.-Woods ; Waters, 'Curdies Creek,' 337.
——— Waters, 'Muddy Creek,' 438.
——— Waters, 'Aldinga,' 299.
——— Waters, 'Gambier,' 271.
Eschara Tatei, Tenison-Woods, Tr. Roy. Soc. of N.S.W. 1876. 3.
Eschara porecta, T.-Woods, Tr. Roy. Soc. of N.S.W. 1876. 1.
Smittia Perrieri, Jullien, 'Travailleur,' 19.

1573. SMITTIA TENUIS, Busk, 'Challenger,' xxx. 150.
Eschara tenuis, Busk, 'Challenger,' Plate xx. fig. 1.

1574. SMITTIA TRANSVERSA, Busk, 'Challenger,' xxx. 152.
Hemeschara transversa, Busk, 'Challenger,' Plate xviii. fig. 7.

1575. SMITTIA TRISPINOSA, Johnston ; Hks. B. M. P. 353.
——— Waters, 'Gambier,' 272.
——— Lorenz, 'Jan Mayen,' sep. 10.
——— MacGill. C. V. 27.
Berenicea trispinosa, Johnston, Trans. N. H. Soc. Newc. iii. 268.
Lepralia trispinosa, Johnston, B. Z. ed. 1. 280.
——— Johnston, B. Z. ed. 2. 324.
——— Landsb. B. Z. 324.
——— Couch, Zooph. Cornw. 51.
——— Couch, Corn. Faun. iii. 118.
——— Busk, B. M. C. ii. 70.
——— Hincks, A. M. N. H. 3. ix. 202.
——— Alder, T. T. F. C. 140. sep. 50.
Discopora trispinosa, Johnston, Edinb. Phil. Jour. xiii. 322.
Lepralia variolosa, *var. a.* Johnston, B. Z. ed. 2. 317.
Escharella Jacotini, Smitt, F. B. ii. 59.
——— form *typica*, Smitt, K. S. B. 1867. 11.
Cellepora Jacotini, Savigny, Zool. Egypt. Plate vii. fig. 8.
——— Audouin, Expl. xxiii. 64.
Reptescharella Jacotini, d'Orbigny, P. F. T. C. 465.

1575*a*. S. TRISPINOSA, var. ARBOREA, Levinsen, 'Kara-Havet,' 16.
L. trispinosa, var. Hincks, A. M. N. H. 4. xix. 100.
E. Jacotini, form *lamellosa*, Smitt, K. S. B. 1867. 11.
Semieschara lamellosa, d'Orbigny, P. F. T. C. 366.

1575*b*. S. TRISPINOSA, var. MUNITA, Hks. A. M. N. H. 5. xiv. 284.
——— Waters, A. M. N. H. 6. iv. 16.

1575*c*. S. TRISPINOSA, var. JEFFREYSII, Norman ; Hks. B.M.P. [353.
Lepralia Jeffreysii, Norman, Proc. Roy. Soc. clxxiii. 208.
Lepralia trispinosa, Packard, Inv. Faun. Labr. i. 2. 271.
——— MacGill. A. M. N. H. ix. 467.
——— Gray, B. M. C. i. 122.
——— Manzoni, Supp. Bry. Med. 6.

1575*d*. S. TRISPINOSA, form BIMUCRONATA, Hincks, A.M.N.H 5. xiii. 362.
——— Hincks, A. M. N. H. 5. xiv. 284.
——— MacGill. C. V. 27.

1575*e*. S. TRISPINOSA, vars. Hincks, Jour. Lin. Soc. xxi. 132.

1575*f*. S. TRISPINOSA, VAR. 1, Hincks, A. M. N. H. 5. xiii. 361.

1575*g*. S. TRISPINOSA, VAR. 2. Hincks, A. M. N. H. 5. xiii. 362.

1576. SMITTIA TUBULA, Kirkpatrick, A. M. N. H. 6. i. 79.

1577. SMITTIA TURRITA, Smitt ; Waters, 'Muddy Creek,' 438.
Lepralia turrita, Smitt, F. B. ii. 65.
Cellepora turrita, Ridley, Proc. Zool. Soc. Jan. 1881. 55.

1578. SMITTIA UNISPINOSA, Waters, A. M. N. H. 6. iv. 15.
Hemeschara Fairchildi, Hutton, N. Z. Cat. 195.
——— Hutton, C. M. M. 100.

1579. SMITTIA VACIVA, Jullien, 'Travailleur,' 18.

1580. SMITTIPORA ABYSSICOLA, Smitt ; Hks. A. M. N. H. 5. xiii. 359.
——— Hincks, A. M. N. H. 5. xix. 164.
——— Hincks, Jour. Lin. Soc. xxi. 130.
——— Jullien, Bull. Soc. Zool. France, vi. sep. 14.
Vincularia abyssicola, Hincks, A. M. N. H. 5. vii. 42.
——— Smitt, F. B. ii. 6.
Setosella abyssicola, Hincks, A. M. N. H. 5. ix. 85.

1581. SPATHIPORA SERTUM, Fischer, Bry. Sud-ouest France, 13.
——— Fischer, Nouv. Arch. du Museum, ii. 309.

1582. SPIRALARIA FLOREA, Busk, Q. J. M. S. n.s. i. 153.
——— Quelch, A. M. N. H. 5. xi. 276.
——— McCoy, P. Z. V. decade v. 31.
——— MacGill. C. V. 18.

1583. STEGANOPORELLA DELICATISSIMA, Busk.
Membranipora delicatissima, Busk, Q. J. M. S. n.s. i. 153.

1584. STEGANOPORELLA MAGNILABRIS, Busk, 'Challenger,' xxx. 75.
——— Hincks, A. M. N. H. 5. viii. 7.
——— Hincks, A. M. N. H. 5. xiii. 358.
——— Hincks, A. M. N. H. 5. xix. 164.
——— Hincks, Jour. Lin. Soc. xxi. 130.
——— McCoy, P. Z. V. decade vi. 43.
——— MacGill. C. V. 22.
——— Waters, 'Aldinga,' 292.
——— Waters, 'Muddy Creek,' 436.
——— Waters, 'Bairnsdale,' 506.
——— Waters, 'Gambier,' 265.
Membranipora magnilabris, Busk, B. M. C. ii. 62.
——— Hutton, N. Z. Cat. 190.
Vincularia magnilabris, Busk, 'Challenger,' xxx. Plate xxiii. fig. 2.
Membranipora grandis, Busk, B. M. C. Explanation of plate.
? *Vincularia gigantea*, English Cyclo. Nat. Hist. i. Column 807.
Biflustra crassa, Haswell, Proc. Lin. Soc. of N.S.W. v. part 1, 38. [W.]
Lepralia firma, Reuss, Foss. Antho. Schicht. Castelgomberto, xxviii. 52.
? *Steginoporella elegans*, Smitt, F. B. ii. 15.
——— See Jullien, 'Cap Horn,' 79.

1585. STEGANOPORELLA NEOZELANICA, Busk; Hincks, A. M. N. H. 5. ix. 82.
——— Waters, Tert. Bry. N. Z. 50.
Vincularia neozelanica, Busk, Q. J. M. S. n.s. i. 155.
——— Hutton, N. Z. Cat. 189.

1586. STEGINOPORA, genus only, Jullien, Bull. Soc. Zool. France, 1886. 9.

1587. STEPHANOPORA CRIBRISPINATA, Kirkpatrick, A. M. N. H. 6. i. 76.

1588. STIRPARIA ANNULATA, Maplestone; McCoy, P. Z. V. decade vi. 40.
——— MacGill. C. V. 16.
Bicellaria annulata, Maplestone, Q. J. M. S. Vic. i. 19.

1589. STIRPARIA GLABRA, Hincks, A. M. N. H. 5. xi. 105.
——— MacGill. C. V. 16.
Bicellaria glabra, Busk, 'Challenger,' xxx. 35.
Bicellaria stylites, Busk, 'Challenger,' Plate vi. fig. 1.

1590. STOLONELLA CLAUSA, Hincks, A. M. N. H. 5. xi. 107.

1591. STOMATOPORA CALYPSOIDES, Jullien, 'Travailleur,' 2.

1592. STOMATOPORA COMPACTA, Norman; Hks. B.M.P. 435.
Alecto compacta, Norman, B. A. Rep. 1867. 204.

1593. STOMATOPORA COMPRESSA, Packard, List. Labr. M.A. 6.

1594. STOMATOPORA DEFLEXA, Couch; Hks. B. M. P. 437.
Entalophora deflexa, Waters, A. M. N. H. 5. iii. 274.
——— Pergens, Bry. Nord-ouest Méd. 6.
Tubulipora deflexa, Couch, Zooph. Cornw. 46.
——— Couch, Corn. Faun. iii. 107.
Pustulopora deflexa, Busk, B. M. C. iii. 22.
——— Seguenza, Form. terz. Reggio, 297, 372.
Pustulipora deflexa, Johnston, B. Z. ed. 2. 279.
——— Landsb. B. Z. 278.
——— Hincks, A. M. N. H. 3. ix. 306. sep. 50.
——— Norman, B. A. Rep. 1868. 310.

1595. STOMATOPORA DIASTOPORIDES, Norman; Hks. B. M. P. 434.
Alecto diastoporides, Norman, B. A. Rep. 1868. 310.

1596. STOMATOPORA DILATANS, Johnston; Hks. B.M.P. 429.
——— Lorenz, 'Jan Mayen,' sep. 15.
——— Waters, Tert. Bry. N. Z. 342.
Alecto dilatans, Johnston, B. Z. ed. 2. 281.
——— Landsb. B. Z. 280.
——— Alder, T. T. F. C. sep. 46.
——— Norman, B. A. Rep. 1868. 310.
——— Busk, B. M. C. iii. 24.
——— Busk, Crag Pol. 112.
——— Gray, B. M. C. i. 142.
Diastopora repens, form β. Smitt, K. S. B. 1866. 395.
Alecto dilatans, Seguenza, Form. terz. Reggio, 213.

1597. STOMATOPORA EBURNEA, d'Orbigny, P. F. T. C. 836.
Alecto eburnea, d'Orbigny, Voy. Am. 20.

1598. STOMATOPORA EXPANSA, Hincks, B. M. P. 432.

1599. STOMATOPORA EXPANSA, Packard, Inv. Faun. Labr. i. 2.
——— Packard, Canad. Nat. 1863. 406. [269.

1600. STOMATOPORA FASCICULATA, Hincks, B. M. P. 441.

1601. STOMATOPORA FUNGIA, Couch ; Hks. B. M. P. 438.
Tubulipora fungia, Couch, Zooph. Cornw. 46.
——— Couch, Corn. Faun. iii. 107.
——— Busk, B. M. C. iii. 26.
——— Smitt, K. S. B. 1865. 403.
——— Whiteaves, 'St. Lawrence,' 12.
Tubulipora penicillata, Johnston, B. Z. ed. 2. 270.
——— Landsb. B. Z. 273.
——— Alder, T. T. F. C. sep. 45.
——— Gray, B. M. C. i. 139.
——— Hincks, A. M. N. H. 3. ix. 309.
——— ? Whiteaves, 'St. Lawrence,' 12.
Tubipora penecillata, Fabricius, Faun. Grönl. 429.
——— Linn. Syst. Nat. ed. Gmel. 3755.
——— Linn. Turton, iv. 615.
Penciletta penecillata, Gray, B. M. C. i. 139.
Tubulipora divisa, Simpson, Mar. Inv. Gr. Manan, 18. [S.]
——— Packard, Inv. Faun. Labr. i. 2. 269.

1602. STOMATOPORA GEMINATA, MacGillivray, C. V. 32.
——— MacGill. Descr. new Polyzoa, x. 2.
——— MacGill. Tr. Roy. Soc. Vic. March 1886.

1603. STOMATOPORA GINGRINA, Jullien, 'Travailleur,' 2.

1604. STOMATOPORA GRANULATA, M. Edw. ; Hks. B. M. P. 425.
——— Waters, Tert. Bry. N. Z. Cyclos. 341.
——— Bronn, Index Palæont. 1202.
——— Pergens, Bry. mioc. Russ. Mérid. 2.
——— d'Orbigny, P. F. T. C. 836.
Alecto granulata, M. Edwards, Mém. Crisies, etc. 13.
——— M. Edwards, Ann. Sci. Nat. 2. ix. 205.
——— (pars) Johnston, B. Z. ed. 2. 280.
——— Landsb. B. Z. 279.
——— Alder, T. T. F. C. supp. 19.
——— ? Wyv. Thomp. Q. J. M. S. iv. 311.
——— Busk, B. M. C. iii. 24.
——— Busk, 'Challenger,' l. 22.
——— d'Orbigny, Prodr. pal. strat. ii. 86.
Alecto ramea, Blainv. M. d'A. 464. [W.]
——— d'Orbigny, Prodr. pal. strat. ii. 265.
Stomatopora ramea, Bronn, Index Palæont. 1202.
——— d'Orbigny, P. F. T. C. 842.
Aulopora ramosa, Hagenow, In Jahrb. 291. [d'O.]
——— Römer, Norddeutsch. Kreid. Plate v. fig. 15. [d'O.]

STOMATOPORA GRANULATA, M. Edw. (*continued*)—
Alecto ramosa, Morris, Cat. Brit. Foss. 30. [d.O.]
? *Alecto parasita*, Heller, Bry. Adr. 1867. 125.
? ——— Manzoni, 'Castrocaro,' 41.
Tubulipora atlantica, form *serpens*, Smitt, K. S. B. 1865. 399.
Stomatopora minima, Römer, Pol. nordd. Tert. Gebirg. 22. [W.]
Tubulipora trahens, Couch, Zooph. Cornw. 45. [J.]
——— Couch, Corn. Faun. iii. 105. [J.]
Trailing Coralline, Couch, Zooph. Cornw. 45.

1605. STOMATOPORA INCRASSATA, Smitt; Hks. B. M. P. 436.
——— Waters, A. M. N. H. 6. iv. 20.
——— Lorenz, 'Jan Mayen,' sep. 16.
Tubulipora incrassata, Smitt, K. S. B. 1871. 1119.
——— Smitt, K. S. B. 1865. 402.
——— Waters, A. M. N. H. 5. iii. 272.
Alecto retiformis, Hincks, A. M. N. H. 4. iv. 81.

1606. STOMATOPORA INCURVATA, Hincks, B. M. P. 433.
Tubulipora incurvata, Hincks, B. A. Rep. 1858.
Alecto incurvata, Hincks, Dub. U. Zool. Bot. Assoc. ii. part i. 77.
——— Hincks, Q. J. M. S. viii. 279.

1607. STOMATOPORA JOHNSTONI, Heller; Hks. B. M. P. 430.
Criserpia Johnstoni, Heller, Bry. Adr. 1867. 126.

1607*a*. S. JOHNSTONI, var. ROBUSTA, Hincks, B. M. P. 430.

1608. STOMATOPORA MAJOR, Johnston; Hks. B. M. P. 427.
——— Waters, Tert. Bry. N. Z. Cyclos. 342.
——— Pergens, 'Rhodes,' 9.
——— Pergens, Bry. Nord-ouest Méd. 6.
Alecto major, Johnston, B. Z. ed. 2. 281.
——— Landsb. B. Z. 279.
——— Alder, T. T. F. C. sep. 46.
——— Busk, B. M. C. iii. 24.
——— Busk, B. A. Rep. 1859. 147.
——— Waters, 'Bruccoli,' 17.
——— Seguenza, Form. terz. Reggio, 297.
Proboscina intermedia, Novák, Bry. Böhm. Kreid. 102. [W.]

1609. STOMATOPORA RACEMOSA, Hutton.
Alecto racemosa, Hutton, N. Z. Cat. 198.
——— Hutton, C. M. M. 103.

1610. STOMATOPORA REPENS, S. Wood.
Diastopora repens, form *a*. Smitt, K. S. B. 1866. 395.
——— Winther, Bry. Danmark, sep. 9.
——— Smitt, F. B. i. 5.
Tubulipora repens, Wood, A. M. N. H. xiii. 14.
Alecto repens, Busk, Crag Polyzoa, 112. [S.]
Criserpia dichotoma, d'Orbigny, Voy. Am. 19. [S.]
Proboscina dichotoma, d'Orbigny, P. F. T. C. 847. [S.]
Proboscina Toucasiana, d'Orbigny, P. F. T. C. 856. [S.]
Idmonea Toucasiana, d'Orbigny, Prod. pal. strat. ii. 265.
Idmonea elegans, d'Orbigny, Prod. pal. strat. ii. 265.
Diastopora echinata, Reuss, Wien. tert. 52. [W.]
Cellepora echinata, Goldf. Pet. Germ. i. 102.
Alecto echinata, Seguenza, Form. terz. Reggio, 86.
Proboscina subechinata, d'Orbigny, P. F. T. C. 846.
? *Alecto repens*, Manzoni, 'Castrocaro,' Plate vi. fig. 72.
——— Manzoni, 'Rhodes,' 71.
——— Seguenza, Form. terz. Reggio, 213, 297, 330, 372.
——— Waters, A. M. N. H. 5. iii. 273.
Diastopora repens, Freese, Bry-Ostsee, 32.

1610*a*. S. REPENS, var. VITRIENSIS, Waters, A. M. N. H. 5. iii. 274.

1611. STOMATOPORA SUBGRACILIS, d'Orbigny, P.F.T.C. 838.
——— Smitt, K. S. B. 1871. 1120.
Alecto gracilis, d'Orbigny, Prod. pal. strat. ii. 109.
Leieschara subgracilis, Levinsen, 'Kara-Havet,' 13.

1612. SUPERCYTIS DIGITATA, d'Orbigny, P. F. T. C. 1061.
——— Busk, 'Challenger,' l. 29.
? ——— Waters, Bry. foss. Aus. Cyclos. 692.
——— Waters, Tert. Bry. N. Z. Cyclos. 344.
? ——— Rss. in Geinitz Elbthal. i. 123. [W.]
? ——— Rss. in Geinitz Elbthal. ii. 136. [W.]
? ——— Perg. et Meun. Bry. Faxe, 221. [W.]
Fasciculipora digitata, Busk, B. M. C. iii. 37.

1613. SUPERCYTIS TUBIGERA, Busk, 'Challenger,' l. 29.

1614. SYNNOTUM AVICULARE, Pieper sp.; Hks. A. M. N. H. 5. xvii. 257.
Gemellaria avicularia, Pieper, Jahresb. Westfal. P. V. ix. 43.
Notamia avicularis, Waters, Q. J. M. S. 2. v. 779.

1615. TEGMINULA VENUSTA, Jullien, 'Travailleur,' 14.

1616. TEMACHIA OPULENTA, Jullien, 'Travailleur,' 13.

1617. TENNYSONIA, genus only, Busk, Q. J. M. S. n.s. vii. 242.

1618. TENNYSONIA STELLATA, Busk, B. M. C. iii. 34.

1619. TEREBRIPORA FISCHERI, Jullien, Bull. Soc. Zool. France, 1880. 5.

1620. TEREBRIPORA IRREGULARIS, d'Orbigny, Voy. Am. 23.
——— d'Orbigny, P. F. T. C. 425.

1621. TEREBRIPORA ORBIGNYANA, Fischer, Bry. France, 12.
——— Fischer, Nouv. Arch. du Museum, ii. 301.
——— Seguenza, Form. terz. Reggio, 128.

1622. TEREBRIPORA RAMOSA, d'Orbigny, Voy. Am. 23.
——— d'Orbigny, P. F. T. C. 425.

1623. TERVIA DISCRETA, Jullien, 'Travailleur,' 4.

1624. TERVIA SOLIDA, Jullien, 'Travailleur,' 5.

1625. TERVIA SUPERBA, Jullien, 'Travailleur,' 4.

1626. THAIROPORA ARMATA, MacGillivray, C. V. 21.
Membranipora armata, MacGill. Tr. Roy. Soc. Vic. 1881.
——— MacGill. Descr. new Polyzoa, i. 3.
——— MacGill. Tr. Roy. Soc. Vic. 1868.
——— MacGill. Descr. Aus. Polyzoa, 1869. 6.

1627. THAIROPORA DISPAR, MacGillivray, C. V. 21.
Membranipora dispar, MacGill. Descr. Aus. Polyzoa, 1869. 6.
——— MacGill. Tr. Roy. Soc. Vic. 1868.
——— McCoy, P. Z. V. decade iii. 32.
Eschara dispar, McCoy, P. Z. V. decade v. 39.
——— MacGill. Tr. Roy. Soc. Vic. 1868.
Adeonella dispar, Busk, 'Challenger,' xxx. 180.
——— MacGill. C. V. 27.

1628. THAIROPORA MAMILLARIS, Lamx.; MacGill. C. V. 21.
Flustra mamillaris, Lamx. P. C. F. 110.
——— Lamx. Ency. méth. xiv. 412.
——— Lamk. An. s. V. ed. 2. ii. 224.
Membranipora mamillaris, MacGill. Tr. Phil. Inst. Vic. v. 4. 165.
——— McCoy, P. Z. V. decade iii. 30.
——— Hincks, A. M. N. H. 5. vi. 20.
Reptoflustra mamillaris, d'Orbigny, P. F. T. C. 328.

1629. THAIROPORA WHITTELI, MacGillivray, Tr. Roy. Soc. of S. Aus. June 1889. 27.

1630. THAIROPORA WOODSII, MacGillivray, C. V. 21.
Membranipora Woodsii, MacGill. Tr. Roy. Soc. Vic. 1868.
——— MacGill. Descr. Aus. Pol. 1869. 5.
——— McCoy, P. Z. V. decade iii. 33.

1631. THALAMOPORELLA JERVOISII, Hincks.
Steganoporella Jervoisii, Hincks, A. M. N. H. 5. vi. 30.
Thairopora Jervoisii, MacGill. Tr. Roy. Soc. Vic. 1886.
——— MacGill. Descr. new Polyzoa, xi. 3.
——— MacGill. C. V. 21.

1632. THALAMOPORELLA LABIATA, Busk; Waters, 'Challenger,' lxxix. 13.
Vincularia labiata, Busk, 'Challenger,' xxx. 73.

1633. THALAMOPORELLA ROZIERI, Audouin; Hks. A.M.N.H. 5. xix. 164.
——— Waters, A. M. N. H. 5. xx. 186.
——— Kirkpatrick, A. M. N. H. 6. i. 75.
——— Hincks, Jour. Lin. Soc. xxi. 123.
Flustra Rozieri, Savigny, Zool. Egypt. Plate viii. fig. 9.
Steganoporella Rozieri, Hincks, A. M. N. H. 5. vi. sep. 28.
Steginoporella Rozieri, Smitt, F. B. ii. 16.
Membranipora Rozieri, Busk, B. M. C. ii. 59.
Reptescharellina Rozieri, d'Orbigny, P. F. T. C. 453.

1633*a*. T. ROZIERI, form GOTHICA, Rylands, m.s.
Steganoporella Rozieri, form *gothica*, Hks. A.M.N.H. 5. vi. sep. 29.
Membranipora gothica, Busk, Q. J. M. S. iv. 176.
Salicornaria Stokesi, M. Edwards. Soc. Phil. Paris, April 1838.

1633*b*. T. ROZIERI, form INDICA, Hincks.
Steganoporella Rozieri, form *indica*, Hks. A.M.N.H. 5. vi. sep. 29.
——— Waters, 'Bairnsdale,' 505.
——— Waters, 'Aldinga,' 292.
Vincularia novæ Hollandiæ, Hasw. Proc. Lin. Soc. of N.S.W. v. 41.
Eschara ignobilis, Reuss, 'Septarienthon.' 65. [W.]

1633*c*. T. ROZIERI, form FALCIFERA, Hincks.
Steganoporella Rozieri, form *falcifera*, Hks. A. M. N. H. 5. vi. sep. 29.

1634. THALAMOPORELLA SMITTII, Hincks, Jour. Lin. Soc. xxi. 123.
Steganoporella Smittii, Hks. B. M. P. 178.

1635. THALAMOPORELLA STEGANOPOROIDES, Goldstein; Waters, 'Challenger,' lxxix. 13.
Vincularia steganoporoides, Goldstein, Proc. Roy. Soc. Vic. 1881. sep. 6. [W.]

THALAMOPORELLA STEGANOPOROIDES, GOLDSTEIN (*continued*)—
Vincularia gothica, Busk, 'Challenger,' xxx. 72. [W.]
Vincularia gothica, var. *granulata*, Busk, 'Challenger,' xxx. 72.

1636. THORACOPHORA, genus only, JULLIEN, Bull. Soc. Zool. France, 1886. 10.

1637. TRITICELLA BOECKII, G. O. SARS, Christ. Vid. Selsk. Förh. 1873. 387.
——— Winther, Bry. Danmark, sep. 15.

1638. TRITICELLA FLAVA, DALYELL, R. R. An. Scot. ii. 66.
——— Hincks, B. M. P. 543.
——— Sars, Christ. Vid. Selsk. Förh. 1873. 398.

1639. TRITICELLA KORENII, SARS, Christ. Vid. Selsk. Förh. 1873. 393.
——— Hincks, B. M. P. 545.
Triticella flava, Norman, A. M. N. H. 1879. 138.

1640. TRITICELLA PEDICELLATA, ALDER; Hks. B. M. P. 547.
Farrella pedicellata, Alder, T. T. F. C. sep. 68.
——— Alder, Q. J. M. S. v. 24.

1641. TUBUCELLARIA CÆCA, BUSK, 'Challenger,' xxx. 99.

1642. TUBUCELLARIA FUSIFORMIS, D'ORBIGNY, P.F.T.C. 337.

1643. TUBUCELLARIA HIRSUTA, LAMX.; Busk, 'Challenger,' xxx. 100.
——— McCoy, P. Z. V. decade v. 52.
——— MacGill. C. V. 16.
Cellaria hirsuta, Lamx. P. C. F. 126.
——— Lamx. Ency. méth. xiv. 178.
Onchopora hirsuta, Busk, Q. J. M. S. iii. 32c.
Cellaria barbata, Lamk. An. s. V. ed. 1. ii. 136.
——— Lamk. An. s. V. ed. 2. ii. 178.
——— Desm. et Lesu. Plate viii. fig. 2. [P.]
Tubucellaria barbata, Pergens, Bull. Soc. R. M. Belg. xxii. sep. 5.
——— d'Orbigny, P. F. T. C. 336.
Margaretta barbata, Hutton, N. Z. Cat. 196.
Margaretta cereoides, Gray, Dieff. N. Z. ii. 293.
? *Cellaria villosa*, Lamx. Ency. méth. xiv. 178.

1644. TUBUCELLARIA OPUNTIOIDES, PALLAS; Busk, 'Challenger,' xxx. 100.
——— Waters, A. M. N. H. 5. xx. 190.
——— Pergens, Bry. Nord-ouest Méd. 8.
——— d'Orbigny, P. F. T. C. 336.

TUBUCELLARIA OPUNTIOIDES, Pallas (*continued*)—
Cellularia opuntioides, Pallas, Elenchus, 61.
Sertularia opuntioides, Linn. Syst. Nat. ed. Gmel. 3863.
Sertularia cereoides, Linn. Syst. Nat. ed. Gmel. 3862.
Cellaria cereoides, Solander, Zooph. 26.
——— Blainv. M. d'A. 455.
——— Lamx. P. C. F. 127.
——— Lamx. Expos. méth. 5.
——— Lamx. Ency. méth. xiv. 178.
——— Manzoni, 'Rhodes,' 61.
——— Seguenza, Form. terz. Reggio, 196, 294, 367.
——— Lamk. An. s. V. ed. 1. ii. 135.
——— Lamk. An. s. V. ed. 2. ii. 177.
——— Bruguière, Ency. méth. 446.
——— Costa, Faun. regn. Nap. Zooph. 1838. 10.
——— Reuss, Bry. mioc. d'Aust. i. 6.
——— Risso, Eur. Mérid. 317.
Tubucellaria cereoides, Heller, Bry. Adr. 1867. 85.
——— McCoy, P. Z. V. decade xi. 18.
——— MacGill. Descr. new Polyzoa, viii. 2.
——— MacGill. Tr. Roy. Soc. Vic. Nov. 1884.
——— MacGill. C. V. 16.
——— Waters, A. M. N. H. 5. iii. 118.
Onchopora tubulosa, Busk, Q. J. M. S. iii. 320.
Cellaria opuntioides, Pergens, 'Rhodes,' 12.
Cellaria Michelini, Reuss, Wien. tert. 61. [P.]
——— Reuss, Pal. ält. tert. Alp. ii. 49.
——— Reuss, Foss. Faun. Wieliczka, 96.
——— Stoliczka, 'Orakei bay,' 146.
——— Stoliczka, 'Latdorf,' Bd. 45. i. 83.
Vincularia Michelini, d'Orbigny, P. F. T. C. 59.
Vincularia fragilis, Defrance, Sci. Nat. lviii. 214. [P.]
——— Blainv. M. d'A. 454.
Glauconome tetragona, Goldf. Pet. Germ. 100. [P.]
Torch thistle Coralline, Solander, Zooph. 26.
Tubucellaria cereoides, *var.* Busk, 'Challenger,' Plate xxiv. fig. 7.

1645. TUBULIPORA BIDUPLICATA, Waters, Tert. Bry. N.Z. Cyclos. 343. Recent also.

1646. TUBULIPORA CAPITATA, Hincks, A. M. N. H. 5. viii. sep. 69.
——— Hincks, Lit. Phil. Soc. Liverpool. Ap. 1881. 21.

1647. TUBULIPORA CLAVATA, MacGillivray, C. V. 31.
——— MacGill. Descr. new Polyzoa, vii. 5.
——— MacGill. Tr. Roy. Soc. Vic. 1884.

1648. TUBULIPORA CONNATA, MacGillivray, C. V. 31.
——— MacGill. Descr. new Polyzoa, vii. 4.
——— MacGill. Tr. Roy. Soc. Vic. 1884.

1649. TUBULIPORA CORRUGATA, MacGillivray, m.s. C.V. 32.

1650. TUBULIPORA CRATES, Stimpson, Mar. Inv. Gr. Manan, 17.

1651. TUBULIPORA DICHOTOMA, d'Orbigny; Bk. B. M. C. iii. 27.
Criserpia dichotoma, d'Orbigny, Voy. Am. 19.
Proboscina dichotoma, d'Orbigny, P. F. T. C. 847.
Tubulipora organizans, (pars?) Busk, Phil. Trans. clxviii. 193.

1651*a*. T. DICHOTOMA, var. SERIALIS, Ridley, Proc. Zool. Soc. Jan. 1881. 59.

1652. TUBULIPORA DIEMENI, Quoy and Gaim. 'Astrolabe,' Zool. m.s.
——— Blainv. M. d'A. 424.

1653. TUBULIPORA DIVISA, Stimpson, Mar. Inv. Gr. Manan,
——— Packard, Inv. Faun. Labr. i. 2. 269. [18.

1654. TUBULIPORA DRUIDICA, Busk, Q. J. M. S. vii. 67.

1655. TUBULIPORA FASCICULIFERA, Hincks, A. M. N. H. 5. xiii.
——— Hincks, P. Q. C. I. 35.

1656. TUBULIPORA FIMBRIA, Lamarck, An. s. V. ed. 1. ii. 163.
——— Lamarck, An. s. V. ed. 2. ii. 243.
——— Hincks, B. M. P. 448.
——— Smitt, K. S. B. 1865. 401.
——— Busk, 'Challenger,' l. 23.
——— Waters, A. M. N. H. 5. xx. 258.
——— Lamx. Ency. méth. xiv. 759.
Tubulipora flabellaris, Johnston, B. Z. ed. 2. 274. [H.]
——— Landsb. B. Z. 274.
——— Alder, T. T. F. C. sep. 45.
——— Hincks, A. M. N. H. 3. ix. 309. sep. 53.
——— Hincks, A. M. N. H. 4. xix. 109.
——— Busk, B. M. C. iii. 25.
——— Busk, Crag Pol. 111.
——— Hutton, Tr. Roy. Soc. Tasmania, 1877. 25.
——— Haswell, Proc. Lin. Soc. of N.S.W. iv. 353.
Tubipora serpens, Fabricius, Faun. Grönl. 428. [H.]
Tubulipora plumosa, Johnston, B. Z. ed. 1. ? [J.]
Tubulipora fimbriata, M. Edw. Sur les Tubulip. 10.
——— M. Edw. Ann. Sci. Nat. 2. viii. 330.

TUBULIPORA FIMBRIA, LAMARCK (*continued*)—
Tubulipora fimbriata, Blainv. D. S. N. lvi. 33.
——— Deslongchamps, Ency. méth. Vers, 759.
——— Michelin, Icon. Zooph. 321.
Proboscina serpens, d'Orbigny, P. F. T. C. 847. [S.]
Cellepora ramulosa, Esper, Pflanzen. i. 251. [d'O.] [S.]
Discopora palmata, Risso (?), Eur. Mérid. v. 339. [S.]

1656.*t*. T. FIMBRIA, form PULCHRA, MACGILLIVRAY ; Waters, A. M. N. H. 5. xx. 258.
Tubulipora pulchra, MacGill. C. V. 31.
——— MacGill. Descr. new Polyzoa, vii. 4.
——— MacGill. Tr. Roy. Soc. Vic. 1884.

1657. TUBULIPORA FLABELLARIS, FABRICIUS ; Hks. B. M. P. 446.
——— Winther, Bry. Danmark, sep. 9.
——— Busk, 'Challenger,' l. 23.
——— Lorenz, 'Jan Mayen,' sep. 16.
——— Verrill, Rep. I. V. S. 414.
——— Manzoni, Bry. mioc. d'Aust. iii. 14. [H.]
——— Manzoni, 'Rhodes,' 70.
——— Manzoni, 'Castrocaro,' 43. Plate vi. fig. 73.
——— Seguenza, Form. terz. Reggio, 85, 212, 297, 330, 372.
——— Smitt, K. S. B. 1865. 401.
——— Alder, T. T. F. C. sep. 45.
Tubulipora phalangea, Couch, Corn. Faun. iii. 106. [H.]
——— Johnston, B. Z. ed. 2. 273.
——— Landsb. B. Z. 274.
——— Hincks, A. M. N. H. 3 ix. 308. sep. 52.
——— Waters, A. M. N. H. 5. iii. 272.
——— Busk, B. M. C. iii. 25.
——— Busk, 'Challenger,' l. 23.
——— Busk, Crag Polyzoa, 111.
——— Seguenza, Form. terz. Reggio, 212, 330, 372.
——— Manzoni, 'Rhodes,' 71.
——— Pergens, 'Rhodes,' 9.
Phalangella phalangea, Gray, B. M. C. i. 139, 149.
Phalangella flabellaris, Kirch. Cat. E. Grönl. 427.
Tubipora flabellaris, Fabr. Faun. Grönl. 430.
——— Linn. Syst. Nat. ed. Gmel. 3755.
——— Linn. Turton, iv. 615.
Diastopora plumula, Reuss, Wien. tert. 51.
——— Pergens, Bry. Nord-ouest Méd. 6.
——— Pergens, Bry. env. Brest, 9.
Tubulipora plumula, Pergens, 'Rhodes,' 9.
Berenicea plumula, d'Orbigny, P. F. T. C. 862.

TUBULIPORA FLABELLARIS, FABRICIUS (*continued*)—
Tubulipora verrucaria, M. Edw. Ann. Sci. Nat. 2. viii. 323. [H.]
——— M. Edw. Sur les Tubulipores, 3.
——— (pars) Heller, Bry. Adr. 1867. 124.
——— Meneghini, Pol. Tubulip. Adr. 5.
——— Grube, 'die Inseln Lussin,' 68.
——— Hassall, A. M. N. H. vi. 171.
——— Hassall, A. M. N. H. vii. 366.
——— d'Orbigny, P. F. T. C. 832.
Diastopora verrucaria, M. Edw.; Packard, Inv. Faun. Labr. i. 2. 269.

Pergens adopts Reuss' name '*plumula*' for this species, because Fabricius left no figure, and Reuss was the first who figured it.

Pergens makes a distinct species of the *Tubulipora phalangea*, Couch, and places as synonyms, *T. phalangea*, Johnston; *T. phalangea*, Manzoni; *P. phalangea*, Gray; *T. flabellaris*, Smitt and Hincks; ? *T. flabellaris*, Fabr.; and ? *T. verrucaria*, M. Edwards.

1658. TUBULIPORA FORAMINULATA, LAMARCK.

Lamouroux quotes Lamarck, An. s. V. ii. 163. as the author of this species, but no specimen of it is in his collection. Lamouroux states that it is nearly allied to the *Tubulipora orbiculata* of Lamarck, which ranks as a synonym of *Lichenopora verrucaria*, Fabricius.

1659. TUBULIPORA GLOMERATA, HUTTON, N. Z. Cat. 198.
——— Hutton, C. M. M. 103.

1660. TUBULIPORA GREGARIA, D'ORBIGNY, P. F. T. C. 832.

1661. TUBULIPORA HYALINA, COUCH, Zooph. Cornw. 47.
——— Couch, Corn. Faun. iii. 108.
——— Johnston, B. Z. ed. 2. 276.
——— Landsb. B. Z. 276.
——— Hincks, B. M. P. 486.
Berenicea hyalina, Couch, Cornw. Polytech. Soc. 9th Rep. 73.

1662. TUBULIPORA LOBULATA, HASSALL, A. M. N. H. vii. 367. *lobatula* in plate.
——— Johnston, B. Z. ed. 2. 272.
——— Landsb. B. Z. 274.
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